

colates.  
ENTS AND  
& 18th St.  
N.York.  
attention

TUAL  
PANY.  
n. Mass  
562.55  
793.66

768.89  
y insured  
engaged  
premium not  
risk does  
ly becomes

on service,  
of the year,

on the cash  
values to  
the Mass.

NT Poli-  
premium.  
are paid

or any age  
r's Office.

Asst. Sec.

price con-  
sions, viz.:  
s, 6th col-  
r. A stan-  
\$3.00

TICS  
st Sgt. Roll  
ublisher,  
Chicago Ill.

OF LIFE  
ARMY.

The small remainder of  
the Edition, prices \$30

Etc.

TT'S

NS.

ION, 1889.

F PENS.

KERS OF

5¢

CHICAGO.

D FILES

ITED.

R S,

RMS,

ER.

ished, 1888

ag. Social,

y Powder

atus

by

ER CO.

ork.

arts of the

descriptive

of Powder

ARMY



NAVY

GAZETTE OF THE  
REGULAR

JOURNAL.

AND VOLUNTEER  
FORCES.VOLUME XXVIII.—NUMBER 25.  
WHOLE NUMBER 1434.

NEW YORK, SATURDAY, FEBRUARY 14, 1891.

SIX DOLLARS PER YEAR.  
SINGLE COPIES, FIFTEEN CENTS.

## HOTCHKISS ORDNANCE COMPANY,

1503 PENNSYLVANIA AVENUE, WASHINGTON, D. C.

21 Rue Royale. Paris: 49 Parliament Street, London 8 Molka. St. Petersburg

MANUFACTURERS OF LIGHT ARTILLERY,  
AND HOWELL AUTOMOBILE TORPEDOES.

Designs and estimates furnished for the complete armament of vessels. Full batteries for naval and auxiliary ships furnished and mounted in place at short notice. Complete batteries and equipments furnished for Mountain and Field Artillery. Designs, estimates, and material furnished for the protection of harbors and channels by mines, torpedoes, artillery, and floating obstructions. Yacht guns and ammunition of standard Hotchkiss material.

## REED &amp; BARTON,

MANUFACTURERS OF

## SILVER PLATED TABLE WARE.

Embracing Everything Required for Use or Decoration of the Table.

37 UNION SQUARE, NEW YORK.

Factories Established at Taunton, Mass., 1824.

## American Ship Windlass Co.,

(ESTABLISHED A. D. 1857.)

PROVIDENCE, R. I.,

Builders of the Celebrated

"Providenced" Windlasses and Capstans.

THEIR NAVAL CAPSTANS AND WINDLASSES HAVE NO EQUALS.

SEND FOR ILLUSTRATED CATALOGUE.

Address

FRANK S. MANTON,

P. O. BOX 53.

AGENT.

McINNES'  
ENGLISH

## PATENT METALLIC COMPOSITION

AND "PROTECTIVE COATING" FOR BOTTOMS OF STEEL AND IRON SHIPS.

In use by all the Principal Lines of European and American Steamers and Steam Yachts.

It is the "fastest" coating for Ships or Yachts.

GEORGE N. GARDINER, Sole Agent for the U. S.

Telephone Call, 3070 Cortlandt.

53 SOUTH ST., NEW YORK.

## COWLES PURE ALUMINUM,

\$1.25 Per Pound.

QUALITY GUARANTEED EQUAL TO ANY ON THE MARKET.

MANUFACTURED BY

The Cowles Electric Smelting and Aluminum Company,  
Lockport, N. Y.

ALSO MANUFACTURERS OF

COWLES ALUMINUM BRONZE,

COWLES ALUMINUM BRASS,

COWLES SILVER BRONZE,

COWLES SILICON BRONZE.

COWLES ALUMINUM IRON.

INGOTS AND CASTINGS—CORRESPONDENCE SOLICITED.

## MAGNOLIA METAL.

ENDORSED BY UNITED STATES AND  
GERMAN GOVERNMENTS.

INMAN LINE

INMAN & INTERNATIONAL STEAMSHIP CO.,  
(LIMITED.)

PETER WRIGHT &amp; SONS, General Agents,

THE MAGNOLIA ANTI-FRICTION METAL CO.,  
74 Cortlandt St., New York.

NEW YORK, OCT. 17TH, 1890.

Dear Sirs:

This certifies that we have had your Metal in use for about three years in various service, some of which is the hardest that I have ever seen anti-friction Metal put to, and am free to say that it has given entire satisfaction.

It is the Best Metal for its purpose that I now have knowledge of.

Yours very truly,

JAS. S. DORAN, Supt. Engineer.

MAGNOLIA ANTI-FRICTION METAL CO.,

—OWNERS AND SOLE MANUFACTURERS—

74 Cortlandt Street.

New York.

London Office, 75 Queen Victoria Street.

Chicago Office, 41 Trader's Building.

JOHN PATTERSON & CO.,  
TAILORS AND IMPORTERS,

No. 25 and 27 West 26th Street.

NEW YORK.

Successor to HOWARD ACKERMAN.

## UNIFORMS.

## JOHN G. HAAS, Lancaster, Pa.

UNIFORMS AND FINE MERCHANT TAILORING. WELL KNOWN  
TO ARMY OFFICERS FOR THE PAST FOURTEEN YEARS.

PERFECTION IS OUR AIM



## F. J. KALDENBERG CO.,

MANUFACTURERS OF

Meerschaum and French Briar Pipes.

and all kinds of SMOKERS' ARTICLES, WALKING STICKS, etc. Special attention given  
to ordered work, and repairing. Send for our Illustrated Price List.

P. S. All Genuine French Briars of our make are stamped F. J. K. in a Sunbeam.

211-229 EAST 33d STREET, NEW YORK.

"I advise all parents to have their boys and girls taught shorthand writing and type-writing. A stenographer who can type-write his notes would be safer from poverty than a great Greek scholar."—CHARLES READE, on "The Coming Man."

REMINGTON  
STANDARD TYPEWRITER.

For Fifteen Years the Standard, and to-day the most perfect development of the writing machine, embodying the latest and highest achievements of inventive and mechanical skill. We add to the Remington every improvement that study and capital can secure.

Wyckoff, Seamans & Benedict,  
New York.

## THE DRIGGS ORDNANCE CO.

700 14th Street, Washington.

## THE DRIGGS-SCHROEDER ORDNANCE COMPANY, LIMITED.

24 AUSTIN FRIARS, LONDON.

Rapid Fire Guns of all calibres. Recoil and non-recoil mounts.

Light Guns for Yachts.

Ammunition of the Highest Grade.

Publication Office, 240 Broadway, N. Y.

### PERSONAL ITEMS.

CAPTAIN J. W. BEAN, 15th U. S. Infantry, is a recent visitor in St. Augustine, Fla.

CAPTAIN J. M. THOMPSON, 24th U. S. Infantry, is a recent arrival at David's Island, N. Y. H.

CAPTAIN THOMAS SHARP, 17th U. S. Infantry, is a recent guest at the Clifton House, St. Paul.

LIEUTENANT E. JADWIN, Corps of Engineers, on duty in New York, is absent on a short leave.

MAJOR FREDERICK VAN VLIET, 10th U. S. Cavalry, of Fort Bayard, N. M., is spending this month on leave.

COLONEL J. G. TILFORD, 9th U. S. Cavalry, who is on sick leave, is located at 381 Brytannia street, New Orleans.

MAJOR GEORGE M. RANDALL, 4th U. S. Infantry, will spend until June next on leave and then join his new regiment.

MAJOR W. McK. DUNN, U. S. A., returned to Fort Preble, Me., this week from leave and resumed command of the post.

CAPTAIN JOSEPH G. RAMSAY, 2d U. S. Artillery, rejoined at Fort Schuyler, N. Y. H., early in the week from a short leave.

UNDER recent orders Captain T. W. Jones, 10th U. S. Cavalry, takes command of Troop H of his regiment at Fort Apache.

CAPTAIN F. B. JONES, A. Q. M., who has been on field duty at Oelrichs, S. D., for some time past, has returned to Fort Snelling.

GENERAL W. H. PENROSE, U. S. A., recently visiting at 55 West 35th Street, New York City, has had his sick leave extended three months.

LIEUTENANT Z. B. VANCE, JR., 19th U. S. Infantry, on a fortnight's leave from Fort Wayne, Mich., is visiting friends in Washington, D. C.

LIEUTENANT T. M. WOODRUFF, U. S. A., of General Ruger's staff, was expected at Fort Leavenworth this week to be examined for promotion.

THE Chicago Coaching Club gave a banquet recently to Major-General Miles which brought out several of Chicago's most prominent citizens.

ADJUTANT F. W. SIBLEY, 2d U. S. Cavalry, a recent arrival at Fort Wingate, N. M., has taken charge of recruiting matters at Fort Wingate, N. M.

GENERAL D. S. STANLEY, U. S. A., was to be at Galveston, Texas, this week, to assist in the reception to the officers of the Navy now in port there.

CAPTAIN J. B. KERR, 6th U. S. Cavalry, who accompanied Maj.-Gen. Miles from the front to Chicago, has been hospitably welcomed by many friends in that city.

CAPTAIN J. W. POWELL, and Lieut. H. H. Bandholz, 6th U. S. Infantry, of Fort Ontario, paid another visit to Fort Porter this week on court-martial service.

MRS. ANNA M. MARCOTTE, the editor of the St. Augustine News, is making a most interesting paper of it, full of news and especially of value to casual visitors to Florida.

COLONEL G. L. GILLESPIE, U. S. A., and Mrs. Gillespie, and Pay Director J. G. Harris, U. S. N., retired, of Nashville, are recent guests at the Ponce de Leon, St. Augustine.

LIEUTENANT LEA FEDIGER, 23d U. S. Infantry, called some time ago to Now Haven, Conn., by the death of his father, will shortly return to Texas in charge of a batch of recruits.

MAJOR G. C. SMITH, U. S. A., lately on duty at Helena, Mont., has arrived in Chicago for duty on the staff of Major-Gen. Nelson A. Miles. He has taken a residence at 437 La Salle avenue.

UNDER recent orders, Lieut. Chas. D. Hunter, 1st U. S. Artillery, on duty at the Military Academy, is added to the commissioned roster of Van A. Andrus's battery at Fort Hamilton, N. Y. H.

WE pay a brief tribute to the memory of the gallant Maj.-Gen. Winfield Scott Hancock, U. S. A., whose 67th birthday would have occurred on Saturday of this week, Feb. 14—St. Valentine's Day.

COLONEL L. L. LANGDON, 1st U. S. Artillery, an especial favorite with the New Hampshire troops, has again been selected to go to Concord to act as inspector and instructor at a meeting of the officers of the N. H. G.

GENERAL C. C. AUGUR, U. S. A., and Mrs. Augur, after an extended visit to their son, Capt. A. A. Augur, 5th Cavalry, at Fort Supply, have gone to Fort Wingate to visit another son, Capt. Colon Augur, 2d Cavalry.

LIEUTENANT E. A. GARLINGTON, 7th U. S. Cavalry, will woo returning health in his native climate of South Carolina and relieve the monotony of enforced rest by trying to pick up a few likely South Carolinians for his regiment.

LIEUTENANT CHARLES SELLNER, 3d U. S. Artillery, has closed the regimental recruiting rendezvous at Warrenton, Va., and will now see what material can be furnished by Fort Royal, Lynchburg, Petersburg and Fredericksburg.

GENERAL JOHN GIBBON, U. S. A., and the Mayor of San Francisco have exchanged pleasant courtesies in regard to the ceremonies at the funeral of King Kalakaua. The Mayor thanks the General for his kindness in accepting the marshalship of the forces and for the success of his efforts.

LIEUTENANT F. G. KALK, 3d U. S. Infantry, reported in several papers as on leave at Cumberland, Wis., joined his company in the field Dec. 23, having voluntarily relinquished the unexpired portion of his leave, and has served continuously with the company in the field and is now on duty with it.

FRANK GROUARD, the celebrated Government scout, is a recent lion in Helena, Mont.

GENERAL D. S. STANLEY, U. S. A., has returned to San Antonio from a brief trip to Mexico.

LIEUTENANT W. H. C. BOWEN, 5th U. S. Infantry, visited friends at Governor's Island on Monday.

LIEUTENANT W. E. BRUCE, 23d U. S. Infantry, of Fort Keogh, is a recent visitor in St. Paul on a short leave.

CAPTAIN J. F. SIMPSON, U. S. A., retired, lately in New York City, has changed base to 5 Bishop street, Waterbury, Conn.

COLONEL H. M. LAKELE, 18th U. S. Infantry, is absent from Fort Clark, Tex., on a few weeks' leave for the benefit of his health.

LIEUTENANT A. R. PAXTON, 15th U. S. Infantry, has taken charge of quartermaster and subsistence matters at Jackson Bks., New Orleans.

LIEUTENANT F. B. MCCOY, 3d U. S. Infantry, who has been on a brief tour of recruiting service at St. Paul, has returned to duty at Fort Snelling.

GENERAL RUFUS INGALLS, U. S. A., who is East, has been visiting friends in Washington and registered at the Gilsey House, New York City, early this week.

LIEUTENANT F. W. ROE, U. S. A., of Gen. Brooke's staff, has been elected a companion, 2d Class, of the District of Columbia Commandery of the Loyal Legion.

COLONEL JOHN S. BILLINGS, Surgeon, U. S. A., will conduct during March, April and May a course in practical hygiene at John Hopkins University, Baltimore, Md.

THE restoration of Capt. Tenedor Ten Eyck to the Army is now assured by the passage of a bill authorizing an increase of the retired list to make a vacancy for him.

CAPTAIN J. C. MERRILL, Assistant Surgeon, U. S. Army, bids good-bye to Fort Reno to enter upon duty in Washington with the Surgeon-General, Gen. Chas. Sutherland.

LIEUTENANT G. F. E. HARRISON, 2d U. S. Artillery, who was expected at Fort Adams soon, may not join for duty after all, as he has been ordered before a Retiring Board for examination.

LIEUTENANT F. H. FRENCH, 19th U. S. Infantry, is a recent visitor at Logansport, Ind., and from there goes to Mansfield and Lima, Ohio, to look up vigorous young recruits for his regiment.

GENERAL A. W. GREELY, U. S. A., attended the annual dinner of the Gridiron Club, at the Arlington, Washington, D. C., on Saturday evening last. There was a distinguished company present.

LIEUTENANT G. G. GATLEY, 5th U. S. Artillery, has taken charge of recruiting matters at Fort Mason, Cal., vice Lieut. William Lassiter, 1st Artillery, who was expected to arrive at Fort Columbus this week.

MRS. HAUGHEY and her daughter, Mrs. Kress, have located at 311 East 150th street, New York City. They spent the month of January in Toronto, and are spending this month at Denver, then to their home in New York.

LIEUTENANT M. C. RICHARDS, 2d U. S. Artillery, who has had much trouble with his eyes for some time past, and is under the care of a specialist in New York City, will continue his residence at Yonkers for some months to come.

COLONEL M. A. COCHRAN, Capt. W. H. Crowell, Lieut. C. Byrne, Lieut. B. A. Byrne, Lieut. Z. W. Torrey and Lieut. R. B. Turner, U. S. Army, were among the guests at the recent grand banquet of the Ohio National Guard Association in Cincinnati.

MISS MARY LIEDINGER, the daughter of the veteran Ord. Sergt. Liedinger, U. S. A., was married at Clifton, S. I., Feb. 4, to Mr. John Fitch, of New London, Conn. The maid of honor was Miss Mary Labahn, daughter of Mr. John Labahn, of Governor's Island. A reception followed at the residence of the bride's parents.

MISS DELLA STACEY, the bright little lady whose sprightliness has contributed much to the success of "A Straight Tip," is a daughter of the late Col. May H. Stacey, U. S. A., says the New York World. Miss Stacey's frontier experience made her a fine horsewoman and an expert rifle shot. She is, in fact, an ideal Regular Army girl.

GENERAL WAGER SWAYNE, U. S. A., presided at the sixth annual banquet of the Ohio Society of New York on Friday evening of last week. An interesting incident of the evening was the presentation to the society by Mr. J. Q. A. Ward, of an old oil painting of William Henry Harrison made by a French artist about the time of the birth of his grandson Benjamin Harrison, President of the U. S.

THE Kansas City Times publishes a portrait of Col. Guy V. Henry, the gallant major of the 9th Cavalry, which reminds us of the story of the brother and sister who applied to an artist for a portrait of their deceased parent. As there was no existing copy of her lineaments the artist was compelled to seek in the depths of his interior consciousness for a likeness. When the picture was presented for approval brother and sister exclaimed: "It is indeed our dear mother, but, O! how changed."

UNDER the law now governing Army promotions 1st Lieut. Edward A. Millar bids good-bye to the 3d and enters the 2d Artillery, although he will for the present continue on duty with Thiernon's battery of the 3d Artillery at Fort Monroe; Lieut. B. S. Avis changes the 5th for the 25th Inf., 1st Lieut. Albert B. Scott to 13th for the 6th Inf., 1st Lieut. H. L. Roberts the 19th for the 21st Inf., 1st Lieut. W. H. Chatfield the 5th for the 18th Inf., 1st Lieut. J. F. Morrison the 20th for the 1st Inf., 1st Lieut. A. S. Rowan the 15th for the 9th Inf., 1st Lieut. F. B. Andrus the 4th for the 2d Inf., 1st Lieut. J. H. Wills the 23d for the 12th Inf., 1st Lieut. F. T. Van Liew the 2d for the 11th Inf., 1st Lieut. J. E. Wilson, 5th for the 11th Inf., and 1st Lieut. D. F. Anglum the 12th for the 16th Inf.

CAPTAIN L. H. RUCKER, 9th U. S. Cavalry, after a pleasant visit to Omaha, has returned to Fort DuChesne, Utah.

CHAPLAIN WILLIAM J. LARKIN, after a service in the Army dating from Dec. 10, 1838, was "wholly retired" Feb. 2.

LIEUTENANT R. L. HIRST, 11th U. S. Infantry, left Sackett's Harbor, N. Y., this week, to spend a few weeks on leave in Philadelphia.

COLONEL GUY V. HENRY, U. S. A., paid a hasty visit to Omaha a few days ago on account of the illness of his son Willie, who is now convalescent.

CAPTAIN R. G. SHAW, 1st U. S. Artillery, is temporarily at Reading, Pa., looking up recruits for his regiment. Pennsylvanians usually make good soldiers.

1ST LIEUTENANT D. F. ANGLUM, 16th U. S. Infantry, will spend a few months on leave before joining his new regiment. The 12th Foot will regret to lose him.

WE congratulate Vincennes University, Ind., upon having secured the services as military instructor of an able young officer, Lieut. R. C. Van Vliet, 10th U. S. Infantry.

MAJOR GENERAL O. O. HOWARD, U. S. A., is to become one of the speakers on the question "What Shall we do with the Indians" at the next meeting of the Quill Club, New York City.

LIEUTENANTS SWIFT, WATKINS and WALSH, recently transferred, under the operation of law, to the line (cavalry,) are to be examined by Promotion Boards at an early date.

LIEUT. J. M. T. PARTELLA, Fifth Inf., who returned hurriedly from Europe, in the expectation that his regiment would be ordered from Texas into the field, will go abroad again to spend the remainder of his leave.

THE programme for the annual course of lectures at Sheffield Scientific School, Yale College, includes one on March 10 by Lieut. C. A. L. Totten, 4th U. S. Art., on duty at the school, his subject being "Napoleon's Solution of the Pons Asinorum."

CAPTAIN CHARLES G. PENNEY, 6th U. S. Infantry, in charge of the Quartermaster and Subsistence Departments at Fort Porter, N. Y., for some time past, leaves there for Pine Ridge Agency for special duty as Indian Agent, in place of Captain F. E. Pierce, 1st U. S. Infantry, who is sick. Captain Penney brings a large experience to the important position devolved upon him.

A WASHINGTON gossip, writing on the subject of prominent receptions in that city, says: "Mrs. Proctor, whose health is much improved, is assisted in receiving by her daughter and by a bevy of the wives and daughters of Army officers. Miss Proctor is distinguished by a most simple, unaffected manner which makes many friends for her, even in the rush of the season."

MAJOR McLANE TILTON, U. S. Marine Corps, on his promotion to lieutenant colonel will probably be ordered to Mare Island yard. The major is one of the most popular officers on this station, and has a host of friends in the two cities who will be sorry to part with him. He is also popular with his command, and his detachment will be much regretted there.—Norfolk Landmark.

THE Union Prisoners of War National Memorial Association have elected these officers for the ensuing year: Alonzo T. Decker, president; George M. Van Hoesen, vice president; J. L. Killgore, secretary; Ira M. Hedges, treasurer. Among the trustees are Alexander S. Webb, Horatio C. King, Henry M. Cist, Alexander Shaler, Wager Swayne, James Grant Wilson, Floyd Jones, and Ira M. Hedges.

AMONG a large number of private pension bills passed by the House Feb. 6 were those granting a pension of \$50 per month each to the widows of the following deceased officers: Lieut.-Col. George H. Ringgold, Lieut.-Comdr. Wilson McGunigle, Capt. Fielding Lowry and Major George A. Gordon. The bill granting a pension of \$20 per month to the widow of Chaplain J. O. Rayner was also passed.

BEFORE Lieut. M. F. Waltz, 12th Inf., was relieved from duty at the Cathedral School of St. Paul at Garden City, N. Y., he was presented with a pair of exceptionally fine aluminum framed field glasses. The boys had first selected a gold watch, but they learned that this present had been given by another. The presentation was made by senior Capt. Miller in the presence of the entire school, in a speech abounding in affectionate reference to the lieutenant's service at the school, and was vociferously applauded.

"GEORGE TRUMAN KERCHEVAL," signed nowadays to frequent articles on the Indian question, is the nom de plume of Miss A. Winifred Jennings, daughter of Capt. Gilbert S. Jennings, U. S. Army, retired, of Detroit, says the Journal of that city. While with her father at the military posts and agencies in the northwest her sympathies were deeply moved by the wrongs done the red-browed brother, and her literary work since has been largely devoted to their prevention or redress. Her little book of Indian stories is one of the most pathetic and forceful ever printed. She is the author of "Fair Play to the Indian," contributed to the February number of the North American Review.

"MANY happy returns of the day" to Col. A. G. Brackett, 3d U. S. Cav., born Feb. 14; to Gen. G. B. Dandy, D. Q. M. G., born Feb. 11; to Major W. H. Kokela, Pay Dept., born Feb. 11; to Lieut.-Col. L. L. Livingston, 3d U. S. Art., born Feb. 12; to Capt. Jas. Chester, 3d Art., born Feb. 10; to Major E. W. Whittemore, 10th Inf., born Feb. 13; to Major S. T. Norvell, 10th Cav., born Feb. 14; to Major L. H. Carpenter, 5th Cav., born Feb. 11; to Lieut.-Col. J. S. Fletcher, 2d Inf., born Feb. 6; to Lieut.-Col. S. Snyder, 10th Inf., born Feb. 9; to Col. Edward M. Heyl, L. G., born Feb. 14; to Col. A. K. Smith, ret., born Feb. 9; to Capt. A. D. King, 3d Cav., born Feb. 8; to Capt. John Conline, 9th Cav., born Feb. 9; to Capt. T. H. Bradley, 21st Inf., born Feb. 12; to Capt. C. H. Greene, 17th Inf., born Feb. 13; to Capt. Jas. Miller, 2d Inf., born Feb. 11; to Capt. H. H. Ketchum, 23d Inf., born Feb. 14; to Capt. W. R. Maize, 20th Inf., born Feb. 14.

CAPTAIN C. E. KILBOURNE, Signal Corps, U. S. A., was expected in Washington the latter part of this week.

CAPTAIN W. B. DAVIS, assistant surgeon, U. S. A., on leave from Fort Preble, Me., is visiting in New York City.

CAPTAIN H. G. LITCHFIELD, 2d U. S. Artillery, left Fort Trumbull, Conn., this week to spend a short leave in New York.

LIEUTENANT EDGAR JADWIN, Corps of Engineers, U. S. A., after a pleasant but short tour of duty in New York City, now goes to Willets Point for duty under Colonel King.

COLONEL A. G. BRACKETT, 3d U. S. Cav., says the San Antonio Express, has asked to be retired, being 62 years of age, and anxious on account of his health to cease active work.

A COMPANY has purchased the old mansion at Appomattox known as the "Surrender House," in which Lee's surrender to Grant was concluded, for the purpose of making it a museum for war relics.

COLONEL H. M. LARRELL, 18th Infantry, is reported to be sick with malarial fever at Fort Clark, Tex., and as Major Brady is down with rheumatism the command is devolved on Capt. W. H. McLaughlin.

LIEUTENANT W. P. BURNHAM, 6th U. S. Infantry, has taken charge of quartermaster and subsistence matters at Fort Porter, N. Y., in succession to Capt. Chas. G. Penney, recently ordered to Pine Ridge as acting Indian agent.

THE retirement Feb. 7 of Col. Elmer Otis, causes the following promotions in the cavalry arm: Lieut. Col. A. K. Arnold, 1st, to colonel; Major John A. Wilcox, 18th, to lieutenant-colonel, and Capt. Henry Wagner, 1st, to major.

COLONEL H. W. CLOSSON, 4th U. S. Artillery, visited Washington, D. C., this week to attend the sessions of the Board of Ordnance and Fortification. During his absence there Major J. B. Rawles is commanding the post of Fort McPherson, Ga.

LIEUTENANT-COLONEL J. S. CONRAD 23d Inf., will attain a Colonelcy, Major John H. Page, 11th Inf., a Lieutenant Colonelcy, and Captain W. G. Wedemeyer 16th Inf., a Majority, early next month by the retirement for age of Colonel Douglas.

GENERALS H. L. ARNOT, C. B. Comstock and Colonels D. C. Houston and G. L. Gillespie, and Lieut. O. M. Carter, Corps of Engineers, U. S. A., are recent visitors at Brunswick, Ga., on a tour of investigation. General M. D. Hardin, U. S. A., retired, was with the party.

LIEUTENANT F. W. ROE, U. S. A., son of Rear Admiral Francis A. Roe, U. S. N., and Aide-de-Camp to Gen. Brooke, has recently joined the "Sons of the Revolution," the "Society of the War of 1812," the "National Association of Veterans of the Mexican War and their descendants," as well as the "Loyal Legion."

CAPTAIN E. S. GODFREY, 7th U. S. Cavalry, injured in the railroad accident at Florence, Kansas, while the 2d Battalion of his regiment was returning to Fort Riley from Pine Ridge Agency, is still confined to his room at Fort Riley, and will not be fit for active duty for several months. The external lateral ligament of the left knee was ruptured.

THE General Court-martial which was ordered from the War Department this week to convene at Fort Sam Houston, Tex., Feb. 18, is for the trial of Capt. H. W. Wessells, Jr., 3d Cav., on charges preferred by Gen. Stanley of "conduct prejudicial to good order and military discipline" in going over his head to secure a leave of absence from the War Department.

A New Mexican correspondent writes: Mr. Jesse R. Grant, son of the late General U. S. Grant and his father-in-law, Mr. Chapman, with several other gentlemen, are owners of the Plata Plancha silver mine in Sonora, Mexico. There is no end to it. All they have to do is to peg away at it and get rich, and that is what they are doing. They often come over the border to Gonzales, Ariz., where Mr. Grant is a universal favorite.

POST CHAPLAIN WM. J. LARKIN probably regrets now that he made application to go before a retiring board. His request was promptly granted. Result—wholly retired, the board reporting that his disability was not an incident of the Service. This makes a brief career in the Army for Father Larkin. He was appointed in 1888, wholly retired Feb. 1, 1891. Father Craft, who was wounded at the battle of Wounded Knee, is a candidate for the vacant place. There will also be another vacancy in a few days when Chaplain Mullins will be retired on account of disability.

MAJOR D. N. BASH, paymaster, U. S. A., contributes to the Denver Times some interesting information concerning Oklahoma, and says: "While in Oklahoma City, I was the guest of Capt. D. F. Stiles, 10th U. S. Inf., whose name became so familiar through the press during the opening of Oklahoma and before. From telegraphic reports one would believe him arbitrary and inclined to go beyond his instructions in the discharge of the important trust committed to him. A personal acquaintance shows him indeed firm, but at the same time kind and forbearing. I found him a very genial, conscientious officer, and himself and wife leading members of the Presbyterian Church."

AN important General Court-martial, with Col. Brackett as president, and Capt. Carbaugh as judge advocate, will organize at Fort Sam Houston, San Antonio, on Wednesday next, for the trial of a cavalry officer. A San Antonio despatch says: Capt. E. W. Wessells, 3d Cav., is the officer to be tried, and Gen. Stanley, the officer, making the charges. Capt. Wessells is charged with violating the regulations in going over the head of his superior officer to secure a leave. The offence is not a very serious one, and would probably be overlooked were it not for the fact that the War Department is anxious to break up a practice of officers using political and other outside influence to secure them favors that should properly be asked for through the regular military channels.

As it has been found desirable to have Capt. Craig remain as disbursing officer of the Signal Corps until July 1 next, he has delayed resigning his commission as A. Q. M. until that date. Consequently his successor in the Q. M. Department cannot be appointed until then. There is still one vacancy in that Department, however.

THE engagement is announced of Miss Robert, eldest daughter of Col. Henry Martyn Robert, Corps of Engineers, U. S. A., to Mr. L. d'Auria. Of the gentleman, the Washington Post says:

Mr. d'Auria is an Italian of exceptional gifts and attainments. He was a professor of mathematics at Pisa and soon afterwards received the diploma of naval constructor of the first class in the Italian mercantile navy. Two years later he was invited to deliver a special course of lectures on applied mechanics in the royal school of application for engineers in Naples, at this time receiving the appointment of geographic engineer of the military topographic institute of the Italian Army, a corps composed only of ten officers, each of whom, according to the royal decree for the organization of such corps, ranks with the professors of royal universities. Securing a three months' leave, he came to this country on his wedding trip to attend the Centennial with his wife, nee Princess Abkassoff, the young widow of Prince Matshinsky, a General in the Russian Army. His taste for mechanical engineering caused him to remain in the United States, where he soon became associated with prominent engineers. For the last 12 years he has been a constant contributor to engineering magazines, and specially identified with the journal of the Franklin Institute, in which is now appearing a series of papers by Mr. d'Auria relating to the dynamics of waves and the regimen of tidal rivers, the result of several years of study and observation. He was a member of the board of examiners at the electrical international exhibition, held in Philadelphia in 1884, and has since that time been a member of the committee on "science and the arts" of the Franklin Institute.

LIEUTENANT A. W. GRANT, U. S. N., left Norfolk, Va., this week, to join the Concord.

NAVAL CONSTRUCTOR F. T. BOWLES, U. S. N., registered at the Brevoort House, New York City, on Monday.

CAPTAIN C. C. CARPENTER and Comdr. George E. Ide, U. S. N., are recent guests at the Grand Hotel, New York City.

GENERAL BENJAMIN F. TRACY, Secretary of the Navy, was a guest at the Gilsey House, New York City, early in the week.

COMMANDER GEO. C. REITER, P. A. Engr. C. R. Roelker and Asst. Engr. Ward P. Mitchell registered at the Navy Department this week.

THE members of the Naval Academy graduating class of 1890 will hold their 8th annual reunion and dinner at Welcher's Hotel, Washington, D. C., on Feb. 20.

P. A. ENGINEER H. W. SPANGLER, U. S. N., has a work in preparation entitled "Valve Gears." Mr. Spangler is Professor of Mechanical Engineering at the University of Pennsylvania.

At a recent meeting in Philadelphia of the Veteran Organization of the War of 1812 letters were read from Admiral Roe, U. S. N., and his son, Lieut. F. W. Roe, A. D. C. to Gen. Brooke; Gen. A. W. Greely, U. S. Signal Corps; Lieut. Oscar F. Long, Col. Geo. F. Towle, and others.

THE Barrundia-Reiter case was the subject of a lively debate in the House on Tuesday, Representative Dalzell, of Pennsylvania, who is a friend of Comdr. Reiter, criticizing the action of the Navy Department on his case and Representative Lodge, of Massachusetts, defending it.

CAPTAIN F. D. GARRETTY, 17th U. S. Inf., Davids Island, N. Y., accompanied by his daughter Kate and her cousin, Miss Polly Tobin, was a guest at the naval officers' ball at the Brooklyn Navy-yard, Feb. 9. The captain speaks very enthusiastically of the management of the affair, and the courtesies extended by the naval men.

COMMANDER DICKINS, U. S. N., and Mrs. Dickins gave a masquerade tea at their residence in Washington on Tuesday afternoon. Few of the guests invited had any idea of the exact nature of the entertainment, and all were anxious to become enlightened. The literal translation of the word is a small gathering of friends to partake of the native South American drink, yerbamala.

THE hop at the New York Navy-yard given on Monday evening by the officers of the Yard, the Naval Hospital and the Marine Barracks, was one of the most elaborate social affairs in the history of the North Atlantic Station. The officers composing the reception committee were Comdr. McCormick, Lieut.-Comdr. Lillie, Ensign Field, Ensign Oman, Lieut. Spicer, of the Marine Corps, and Civil Engr. Asserson. Lieut. Flynn was chairman. Eight hundred invitations were issued.

THERE was a large assemblage of friends at St. John's Church, Washington, D. C., on Monday to witness the marriage of Lieut. W. B. Caperton, U. S. Navy, to Miss Georgie Blacklock, niece of Gen. Albert Ordway. The best man was Lieut. Beatty, the bridesmaids were the Misses Soranton and Payne, and the ushers were Lieuts. Laird, Winslow and Fletcher, U. S. N.; Lieuts. Denny and Prince, U. S. Marine Corps; Capt. Allen and Lieuts. Williams and Card, U. S. A. Miss Williamson, daughter of Chief Engr. Williamson, U. S. N., was maid of honor. Gen. Ordway escorted the bride to the altar. After the ceremony there was a reception, which was attended by many Army and Navy officers, etc.

"MANY happy returns of the day" to Capt. A. P. Cooke, U. S. N., born Feb. 10; to Lieut.-Comdr. E. T. Strong, born Feb. 10; to Capt. B. J. Cromwell, born Feb. 11; to Lieut.-Comdr. W. W. Mead, born Feb. 8; to Lieut.-Comdr. B. S. Richards, born Feb. 8; to Comdr. W. B. Hoff, born Feb. 11; to Lieut. S. H. Buckingham, born Feb. 11; to Lieut. E. W. Sturdy, born Feb. 12; to Lieut. J. B. Murdoch, born Feb. 13; to Lieut. O. W. Lowry, born Feb. 10; to Lieut. V. L. Cottman, born Feb. 13; to Lieut. J. H. Glennon, born Feb. 11; to Ensign T. G. Dewey, born Feb. 10; to Ensign W. R. Shoemaker, born Feb. 10; to Pay Insp. A. J. Pritchard, born Feb. 12; to Paymaster R. W. Allen, born Feb. 10; to P. A. Paymaster H. K. Drury, born Feb. 11; to Chief Engr. G. J. Burnap, born Feb. 10; to Chief Engr. W. A. Windor, born Feb. 13; to P. A. Engr. H. Webster, born Feb. 12; to Asst. Engr. B. C. Sampson, born Feb. 13; to Chaplain T. A. Gill, born Feb. 8.

MR. R. M. STUART WORTLEY and bride (daughter of Capt. Schley, U. S. N.) are making their home for the present at the Ocean House, Norfolk, Va. Mr. Wortley being president of the Atlantic and Danville Railroad.

THE Gaiter Messenger says: Amongst the latest arrivals it gives us pleasure to record an old friend of Nice, Colonel John S. Cunningham, Pay Director of the United States Navy, and his charming wife; they are located at the Cosmopolitan Hotel. When the United States sent its first fleet of frigates to the Mediterranean in 1855, after the Civil War, Colonel Cunningham was the Fleet Paymaster and made himself a favorite in the then small city. There was little but old Italian Nice in those days, and on arriving on Saturday he felt like a stranger in a strange land. The purveyor to the old fleet is still living, and he has the rare opportunity of offering to the colonel a welcome of a quarter of a century.

#### RECENT DEATHS.

THE funeral services over the late General Henry A. Morrow, U. S. A., took place, Feb. 6, at Niles, Mich., and the remains were interred in Silver Brook Cemetery. A large concourse was present, and every public demonstration of love and respect for the dead officer shown. The Niles Star says: "It is seldom such impressive scenes are witnessed, but all was in honor of a hero, one who loved the beautiful and all that was good, of him who so generously served his country and his people. May his good works go down in history, and may he rest in peace."

MR. RICHARD N. BELDEN, vice-president of the New London City National Bank, died Feb. 3. He was the father of Lieut.-Comdr. Samuel Belden, U. S. Navy.

THE remains of Mrs. Warrens, wife of Capt. C. H. Warrens, 14th U. S. Infantry, who died in New York recently, were taken to St. Louis for interment.

MISS NELLIE DAVIS, sister of Lieut. H. C. Davis, 3d U. S. Artillery, died Jan. 30 at Columbia, S. C., of congestion of the brain and gastritis.

#### GENERAL MILES AND JEFFERSON DAVIS.

MAJOR-GENERAL NELSON A. MILES, U. S. A., denies emphatically the charges of ill-treatment of her husband while he was a prisoner at Fort Monroe, brought by Mrs. Jefferson Davis in a recently published story of her husband's life. Gen. Miles says:

I was in charge of the district of Fort Monroe for 18 months, and for a while Jefferson Davis was kept a prisoner there after his arrest. There were the gravest kind of charges that could be preferred against any man preferred against him. The Government had paid \$100,000 for his capture. Many of the rebels had not yet surrendered and President Lincoln had been assassinated. Certainly there were reasons enough why a close watch should be kept upon the leader of the rebellion that he might not escape. I had no immediate business with him, but of such as I had I am not ashamed. There is not a particle of truth in the statements made by his wife. Why, the fact is Jefferson Davis never was in better trim than when he was liberated, and the time that elapsed before his death is good evidence of it.

One complaint is that Davis was kept in a vermin-infested cell. Concerning this, Hon. Chas. A. Dana, who was Assistant Secretary of War at the time, says in the New York Sun:

Mrs. Davis is certainly inaccurate so far as the cell is concerned. We had occasion to inspect it a few moments before Mr. Davis was led into it, and it was as clean and fit to live in as a room well could be. It was a casemated chamber in the fortress from which the gun had been removed; and, as no other tenant had ever lived there, it was fresh and clean, like all quarters kept under high military discipline. It was well lighted through the broad embrasures, and the only unwelcome reminders of captivity were the iron bars run across the window and the two soldiers that stood against the two doors leading from the back of the room to another room in the rear, where an officer and other soldiers were always to be found. We may presume that Mrs. Davis's other charges were equally as mistaken as the one in reference to the cell, the probability being that her belief had been imposed upon through the irresponsible imagination of other persons.

(Correspondence of the Army and Navy Journal.)

#### NAVAL ACADEMY.

ANNAPOLIS, Md., Feb. 11, 1891.

THE very disagreeable weather has had a very dampening effect on all social amusements the past week. Wednesday afternoon Mrs. Cross entertained a number of cadets with a "cadenet tea," given in honor of her guest, Miss Baggett. The Naval Academy was well represented at a large reception given by Gov. Jackson on Friday, nearly all the officers and their wives attending. Card parties seem to be the fad just at present in the line of amusements. One took place at Lieut. Sharp's Friday evening. Mrs. Holcomb won the ladies' prize, a silver spoon, and Lieut. Hecker the gentlemen's, a silver penholder. Another very pleasant card party was given during the week at Commander Craig's. Cadets Mann and Emery, of the 4th Class, left the Academy on sick leave Monday. Cadet Mann was injured some time ago at seamanship drill by a piece of the horn of the topmast cross trees falling from aloft. Although his injuries were slight—a scalp wound—he was on the sick list almost constantly until granted sick leave.

A very large number of cadets were found deficient in the recent semi-annual examinations, from 25 to 30. All 1st Classmen on the unsatisfactory list have received notice that they will be held over, subject to a re-examination next June in their respective studies. Of those unsatisfactory in the Department of Discipline, Cadets Robison, Rowen and Richards, of the 1st Class; Ball and Gibbs, of the 2d, and Groesbeck, of the 3d, have been notified that, unless their conduct record shows a marked improvement by June, they will be dropped.

The base ball team has been organized, and practice will begin as soon as the weather permits. Cadet Hartung was elected captain at a recent meeting. Hartung occupies a prominent position in all athletic sports, playing left half back on the foot ball team, and pitcher in the base ball team.

Cadet Allen, D. V., of the 1st Class, has been granted sick leave until June, when he will join the next 1st Class. The 3d Class have ordered their class rings. The design is a very pretty one, and is composed of the usual combination of swords, anchors and knots.

A "June ball" is now a certainty, the Superintendent having given the 3d Class the necessary permission. They have entered into active preparations, and at a recent class meeting the following hop committee was elected: McDonald, Beuret, Dawson, Ferguson, Gibbs, Macklin, Crank, Mather, Moses, Myers, Breckenridge, Schilling. Tuesday night a "phantom party" was given by the ladies and officers of the Yard, and proved to be as amusing as it was pleasant.

Among the visitors the past week were: Mrs. Col. Kellogg, Miss Wicks, Miss Dent, Miss O'Leary, Miss Baggett, Miss Wad, Mr. Watt, Mr. Richards.

## THE ARMY.

**BENJAMIN HARRISON, President and Commander-in-Chief.**  
**REDFIELD PROCTOR, Secretary of War.**  
**LEWIS A. GRANT, Assistant Secretary of War.**

## NOMINATIONS.

FEB. 10.

George Stoneman, late colonel, U. S. A., retired, to be colonel of infantry, with view to being placed on retired list, act approved Dec. 15, 1890.

## EXAMINATIONS FOR PROMOTION.

While the result of the first efforts of the examining boards appointed under the new law to determine fitness for promotion have been in the main very satisfactory, there has been considerable lack of uniformity in the method of conducting the examinations and determining their scope. This was doubtless inevitable, considering the brief period allowed for preparing the regulations. Besides, the first examinations were necessarily more or less in the nature of experiments. But the Department is profiting by these experiments. With the view to securing more uniformity in conducting the examinations in future, the following "memorandum" showing the sub-heads of examination under the various subjects enumerated in Par. 5, G. O. 128, 1890, A. R., has been prepared, and will be sent to each of the examining boards with directions requiring that some questions shall be propounded under each of the sub-heads enumerated. This "memorandum," which was prepared by Major McArthur, Jr., A. G., and has just received the approval of the Secretary of War, is as follows:

## Army Regulations.

Article 1. Military Discipline; 2. Precedence of Regiments and Corps; 3. Rank and Precedence of Officers; 4. Command; 5 to 14. General Provisions Relating to Officers; 15 to 27. General Provisions Relating to Enlisted Men; 28 to 39. Miscellaneous Subjects; 40. Hours, Salutes, Official Visits, Ceremonies; 41. Maps and Reconnaissance; 42. Indians, Indian Scouts; 43. Employment of Troops in the Enforcement of the Laws; 44. Boards of Survey; 45 to 49. Adjutant General's Department, etc.; 50. Recruiting Service; 51. Inspector General's Department; 52. Arrests and Confinements; 53 to 77. Courts-Martial, Civilian Witnesses, etc.

In addition to any general inquiry in respect to the above, officers of the Quartermaster's and Subsistence Departments will be carefully and exhaustively examined in connection with the following articles: Articles 58. Advertising and Printing; 59. Contracts and Purchases; 60. Money Accountability; 61. Property Accountability; 62. Staff Administration. For officers of the Quartermaster's Department, Article 78—Quartermaster's Department. For officers of the Subsistence Department, Article 79—Subsistence Department. Blanks should be furnished and candidates required to make an Account Current and a Return of Stores, accompanied by vouchers calculated to exemplify the use of the most important blanks pertaining to the departments. Contracts of various kinds should be made, bonds executed, and general procedure in connection therewith described.

## Drill Regulations.

Cavalry.—Schools of the Soldier Dismounted, Company Dismounted, Battalion Dismounted, Soldier Mounted, and Platoon and Company Mounted. Instructions for Skirmishers, Company and Battalion. School of the Battalion. Evolutions of the Regiment. Evolutions of the Brigade. Ceremonies. Horses and Stables.

Artillery (Light Artillery).—Schools of the Soldier Dismounted, Battery Dismounted, and Soldier Mounted. Horse Artillery. School of the Battery Mounted. School of the Battalion. Evolutions of a Brigade. Ceremonies. Organization of Artillery. Pieces, Carriages, Ammunition, Equipment of Carriages, Harness and Horse Equipments, Horses, Stables, Marches, Camping, Pointing and Ranges. Field Service, Batteries (Heavy Artillery)—Tidball's Manual: Part 1. Preliminary Instruction; 2. Service of the Piece; 3. Mechanical Manœuvres; 4. Care and Preservation of Artillery Material; 5. Transportation of Artillery; 6. Harbor Defences; 7. Field Intrenchments; 8. Attack and Defence of Positions; 9. Salutes and Ceremonies. G. O., No. 108, of 1888, H. Q. A. G. O., No. 152, of 1890, H. Q. A.

Infantry.—School of the Soldier. School of the Company. Instruction for Skirmishers, Company and Battalion. School of the Battalion. Evolutions of the Brigade. Evolutions of a Division and Corps. Ceremonies.

## Rifle and Carbine Firing.

Part 1: Sighting Drills. Position and Aiming Drills. Gallery Practice. Part 2: General Regulations for Range Practice. Details of Individual Practice. Suggestions to Rifle-men. Part 3: Skirmish Firing, Volley and File Firing. Part 4: Targets, Ranges, Marking and Scoring. Classification. Part 5: Motion of Bullets. Variations in the Trajectory. The Trajectory as Affected by Atmospheric Conditions. The Effects of Fire. Part 7: Measuring Distances by Pacing. Estimating Distances by Sight. Estimating Distances by Sound.

## Manual of Guard Duty.

Rosters. Officer of the Day. Officer of the Guard. Sergeant of the Guard. Corporal of the Guard. Soldier on Guard. Orders for Sentinels on Post (Paragraphs 60 to 83). Miscellaneous (Paragraphs 234 to 242). Artillery Stable and Park Guards. Miscellaneous Subjects (Paragraphs 278 to 300).

## Military Law.

Constitution and Composition of Courts-Martial. Jurisdiction of Courts-Martial. Charges and Specifications. Challenges and Pleas. Oaths and Depositions. Procedure from Opening to Close of Trial. Findings, Punishments, Sentence. Confirmation of Sentence. Execution of Sentence. Record. Courts of Inquiry. Military Commissions. Forms of Orders and Proceedings of Military Courts.

NOTE.—The above schedule has been arranged from Ives' Treatise on Military Law. Any recognized text-book is applicable.

G. O. 13, H. Q. A., Feb. 3, 1891.

The following rule, prescribed by the President, in accordance with section 3 of the act of Congress approved October 1, 1890, providing for a system of examination to determine the fitness for promotion of all officers of the Army below a certain grade, is, by direction of the Secretary of War, published for the information and guidance of all concerned:

Officers of the Signal Corps, below the grade of major, will be examined as prescribed in General Orders, No. 128, October 29, 1890, Headquarters of the Army, excepting that the examination as to professional efficiency shall be conducted as may hereafter be specially prescribed therefor.

By command of Major-Gen. Schofield:

J. C. KELTON, Adjutant-General.

G. O. 14, H. Q. A., Feb. 9, 1891.

By direction of the Secretary of War paragraph 875 of the Regulations, as amended by General

Orders, No. 129, October 30, 1890, from this office, is further amended to read as follows:

875. Company commanders will note on the muster-rolls, in the column of remarks, all data concerning the pay of the soldier, or affecting his personal status; if on extra or special duty, the number and source of the order; if on sick report, the fact will be stated and whether the disease or injury was contracted in the line of duty; if undergoing furlough, the sentence, with number, date, and source of the order promulgating it, and of all orders affecting it. Forfeitures of pay not satisfied by the amount deducted at one payment will be carried to subsequent rolls until completed, noting upon each the total amount deducted to date.

By command of Maj. Gen. Schofield:

J. C. KELTON, Adjutant-General.

CIRCULAR 1, H. Q. A., Feb. 9, 1891.

The following decisions, rulings, etc., have been made, and are published to the Army for the information of all concerned:

I. EXPENDITURE OF AMMUNITION.—Department commanders are authorized to expend annually in target practice twenty rounds of ammunition for the Hotchkiss breech-loading mountain-gun for each such gun in their departments. [Decision Sec. War, Dec. 12, 90—15064 A. G. O., 1890.]

II. ATTENDANCE OF ENLISTED MEN AT POST SCHOOLS.—Enlisted men are required to attend school as a military duty, and paragraph 820 of the Regulations makes their instruction a military duty. It is not easy to perceive how language can be plainer. But it is apprehended that the construction of the regulation is not the thing most desired. Whether the regulation is in conformity to the statute appears to be the main point. On this point it is held that the regulation is pursuant to the statute, is in conformity therewith, and intended to carry out its provisions. It is idle to suppose that Congress intended to establish schools for enlisted men without requiring their attendance and effective teachers. This ought not to be a "vexed question," or to give rise to controversy and work for courts-martial. Like all laws and regulations it should be administered with discretion, and an officer competent to command a post or company ought to have sufficient discretion to manage the schools without serious friction. Men should attend because interested, not because compelled, and there are but few men who cannot be interested in their own improvement if properly managed. Schools are for the unlearned, and those who do not need them should be teachers. It does not follow that a man or non-commissioned officer should be humiliated by being made to appear ignorant. Instruction is "not to be restricted to the elementary branches specified in the statute, but will extend to and include any subjects in which enlisted men under instruction may have an aptitude, or which they can pursue with advantage to themselves or to the Service." An old soldier or non-commissioned officer without a knowledge of his letters can be interested in the history and geography of his country, and the wants and demands of the Service, and in many other subjects and ways; and he can sometimes be made useful to the school as well as to himself by being given charge of the books and implements or of matters pertaining to the order and decorum of the school. [Decision War Dept., Dec. 2, 90—14881 A. G. O., 1890.]

III. LEGITIMATE CHARGES AGAINST BAND FUND.—Extra compensation to band musician, also purchases of music and of instruments not furnished by the Quartermaster's Department under the provisions of General Orders, No. 83, series of 1890, from this office, when deemed necessary by the band leader for the proper equipment and efficiency of the band, are legitimate charges under paragraph 294 of the Regulations, against the band fund. [Decision Sec. War, Jan. 12, 91—17089 A. G. O., 1890.]

IV. DISCHARGES OF ENLISTED MEN.—Discharges will not be granted under the provisions of General Orders, No. 81, 1890, from this office, to men who are indebted to the United States. To become eligible thereto, men indebted to the Government must inclose with application for discharge the amount of such indebtedness, which shall be retained by the post commander until final action, and as soon as practicable after discharge turned over to a paymaster, to be used as to insure distribution to proper appropriations. The post commander in forwarding applications should set forth the fact that applicants are not indebted to the United States, or that they have made the necessary deposit on account thereof. [Decision War Dept., Jan. 15, 91—9173 A. G. O., 1890.]

V. SUMMARY COURT.—Held that the officer approving the finding and sentence of a summary court cannot change the sentence; he can, however, disapprove. Second, it is held that an officer cannot act as accuser and court in the same case; when the post or other commander is the accuser, and the only officer present, the case must necessarily go to a regimental or garrison court-martial. This is not confined to offences committed in the presence of the court. [Decision War Dept., Jan. 19, 91—17217 A. G. O., 1890.]

VI. CONDUCT OF POST CANTEENS.—1. The sale by companies in amusement or other rooms of articles of the same kind as those sold at post canteens is unauthorized and will not be permitted. 2. The amount of any loss the canteen may sustain in consequence of the failure of a soldier to pay for articles bought on credit under the Regulations will hereafter be deducted from the share of the canteen profits of the company to which the defaulter belongs. 3. It is not contemplated that purchases from canteen profits shall be strictly limited to the articles enumerated under subhead "b," paragraph 840 of the Regulations; the intention being, as shown in the next paragraph, to indicate in general terms that apparatus for proper games and athletic sports, as well as any other article calculated to contribute to the rational enjoyment and contentment of the soldier, may be purchased under the discretion of the canteen council and commanding officer. [Decision Sec. War, Jan. 19, 91—1054 A. G. O., 1891.]

VII. CLERKS FOR SUMMARY COURT.—The necessary summary clerk without can be done through the "necessary clerks in the adjutant's office," as authorized by General Orders, No. 129, of 1890, from this office. In that way a clerk can be supplied "when actually required." [Decision Maj. Gen. Comdg. Army, Jan. 31, 91—865 A. G. O., 1891.]

VIII. DISCHARGES UNDER PARAGRAPH 2, GENERAL ORDERS, NO. 80, ADJUTANT GENERAL'S OFFICE, 1890.—For the information of the Department the monthly regimental returns rendered to this office should, in future, show the number of men belonging to the regiment who become entitled during each month to discharge under the provisions of paragraph 2, General Orders, No. 80, of 1890, from this office, and the number so discharged. This may be accomplished by a note, as follows: "Of — men of this regiment entitled to be discharged under paragraph 2, General Orders, No. 80, Adjutant General's Office, 1890, during the month, —, availed themselves of the privilege." The first return rendered after the expiration of the period from September 15, 1890, to the end of the month for which the returns are rendered. Company commanders will include on their monthly company returns the necessary data to enable regimental commanders to comply with these instructions. Similar information should also be noted on the monthly returns rendered by the various staff departments. [General decision, Jan. 30, 91—999 A. G. O., 1891; 1048 A. G. O., 1891.]

By command of Maj. Gen. Schofield:

J. C. KELTON, Adjutant-General.

G. O. 2, DEPT. OF THE PLATTE, Feb. 6, 1891.

In compliance with the order of the President, as published in General Orders, series, Headquarters of the Army Adjutant-General's Office, the undersigned assumes command of all that portion of South Dakota lying south of the 44th parallel of north latitude, and of the troops now stationed or temporarily serving therein.

JOHN R. BROCKE, Brig.-Gen. Comdg.

## STAFF CORPS AND DEPARTMENTS.

## Adjutant and Inspector Generals.

Major P. D. Vroom, I. G., will inspect the money accounts of disbursing officers at Denver and Ft. Logan, Colo., and Ft. Riley, Kas. (S. O. 16, Feb. 9, Dept. M.)

## Quartermasters and Subsistence Departments.

Major Gilbert C. Smith, Q. M., having reported, is assigned to duty as disbursing officer and assistant to the Chief Q. M. of the Division, relieving Capt. Charles A. H. McCauley, A. Q. M. (S. O. 11, Feb. 9, Div. M.)

Capt. George Ruhlen, A. Q. M., is relieved from duty at Rushville, Neb., and will report in person at Dept. Hdqrs. (S. O. 14, Feb. 6, D. Platte.)

Capt. Francis B. Jones, A. Q. M., is relieved from further duty at Oelrichs, S. D., and will rejoin his proper station, Ft. Snelling, Minn. (S. O. 19, Feb. 3, D. Dak.)

Capt. George Ruhlen, A. Q. M., is relieved from temporary duty in the Dept. Platte, and will report to Washington, D. C., and report to the Q. M. General of the Army (S. O., Feb. 10, H. Q. A.)

Major James G. C. Lee, Chief Q. M., Dept. Columbia, will report to San Francisco on public service (S. O. 12, Feb. 4, Div. P.)

Leave for four months, to take effect during the month of April, with permission to go beyond sea, is granted Lieut.-Col. Michael P. Small, Asst. Comy.-Gen. of Sub. (S. O., Feb. 11, H. Q. A.)

Comy. Sergt. Charles Starr on furlough at South Bend, Ind., will report at the expiration of furlough to the C. O. Rock Island Arsenal, Ill., for duty (S. O., Feb. 7, H. Q. A.)

Comy. Sergt. Arthur J. Smith, a veteran of the civil war, twice wounded at the battle of Prairie Grove, Ark., and a commissary sergeant since Oct. 8, 1873, was retired from active service Feb. 10.

## Pay Department.

Leave for nine days is granted Major Joseph W. Wham, Paymr. (S. O. 11, Jan. 26, D. Ariz.)

The troops will be paid to Jan. 31 as follows: By Major J. P. Willard, Paymr., at San Diego Barracks, Cal.; by Major A. S. Towar, Paymr., at Ft. Grant, Bowie and Huachuca, Ariz.; by Major W. M. Maynard, Paymr., at Ft. Marcy, Union and Wingate, N. M.; by Major J. W. Wham, Paymr., at Ft. Lowell, Ariz. (S. O. 12, Jan. 28, D. Ariz.)

Major John C. Muhlenberg, Paymr., will proceed on public business from Vancouver Barracks to Portland, Ore. (S. O. 16, Feb. 3, D. Columbia.)

## Medical Department.

Leave for one month, with permission to apply for an extension of one month, is granted Capt. Alonzo R. Chapin, Asst. Surg., Ft. Yates, N. D. (S. O. 17, Jan. 31, D. Dak.)

A. A. Surg. Frank H. Holland is assigned to Ft. Shaw, Mont., for station, and will accompany the battalion of the 25th Infantry to that post from Ft. Keogh, Mont. (S. O. 17, Jan. 31, D. Dak.)

Major John H. Jaenaw, Surg., will proceed to San Francisco, Cal., to attend a session of the Army Retiring Board (S. O. 11, Feb. 2, Div. P.)

Leave for one month, to take effect about Feb. 10, is granted Asst. Surg. R. W. Johnson (S. O. 16, Feb. 4, D. Ariz.)

Leave for one month, to take effect about Feb. 15, is granted Major William D. Wolverton, Surg., Ft. Douglas, Utah (S. O. 15, Feb. 7, D. Platte.)

1st Lieut. J. T. Clarke, Asst. Surg., is relieved as member of G. C. M. at Ft. Riley, Kas., and 1st Lieut. V. H. Bridgman, 2d Art., is detailed in his stead (S. O. 15, Feb. 9, Dept. M.)

Hospl. Stwd. Harry A. Sill, having completed the duties assigned him, will proceed to Ft. Leavenworth, Kas. (S. O. 12, Feb. 8, D. Platte.)

Hospl. Stwd. Alfred Bauer, Omaha, Neb., will report to the C. O. Ft. Logan, Colo., for duty (S. O., Feb. 6, H. Q. A.)

Hospl. Stwd. Hugo L. R. Lehmann, Ft. Leavenworth, Kas., will be sent to Ft. Sill, O. T., for duty (S. O. 14, Feb. 7, Dept. M.)

Hospl. Stwd. Robert Burg, Jefferson Bks., Mo., will proceed to Ft. Brown, Tex., to relieve Hospl. Stwd. George Klemm, who will proceed to Ft. Wadsworth, N. Y., for duty (S. O., Feb. 9, H. Q. A.)

## Engineer and Ordnance Departments.

Capt. Thomas L. Casey, Jr., C. E., is relieved from further duty under the direction of the Secretary of the Treasury in connection with the improvement of Ellis Island, N. Y. (S. O., Feb. 9, H. Q. A.)

Add. 2d Lieut. Edgar J. Jadin, C. E., is relieved from duty under the orders of Capt. Thomas L. Casey, Jr., C. E., and will report to the C. O. Willet Point, N. Y., for duty with the Battalion of Engineers (S. O., Feb. 9, H. Q. A.)

Leave for one month, beginning about Feb. 15, 1891, is granted 1st Lieut. William L. S. Bert, C. E. (S. O. 8, Feb. 11, C. E.)

Ord. Sergt. Gottlieb Bigalsky, appointed Feb. 8, 1891, from sergeant, Troop E 3d Cavalry, Camp Peck, Colorado, Tex., will proceed to Ft. Brown, Tex., for duty (S. O., Feb. 9, H. Q. A.)

Ord. Sergt. Matthew Duggan will report to the C. O. Ft. Columbus, N. Y. H., March 31, 1891, for discharge and re-enlistment, and then will return to Sandy Hook, N. J. (S. O. 26, Feb. 10, Div. A.)

## Signal Corps.

Capt. Charles E. Kilbourne, S. C., now awaiting orders at Ft. Adams, R. I., will report to Washington, D. C., for duty (S. O., Feb. 10, H. Q. A.)

1st Lieut. Joseph E. Maxfield, S. C. (recently appointed), will continue on his present duties at his present station (Ft. Riley, Kas.) (S. O., Feb. 10, H. Q. A.)

The following named officers, late 2d Lieutenants in the Signal Corps, will continue on duty for the present in the Signal Service, under the orders of the Chief Signal Officer of the Army: 2d Lieut. John P. Finley, U. S. Infantry; 2d Lieut. Frederick R. Day, U. S. Infantry; 2d Lieut. James Mitchell, U. S. Infantry; 2d Lieut. Frank W. Ellis, U. S. Infantry (S. O., Feb. 11, H. Q. A.)

2d Lieut. Frederick R. Day, U. S. Infantry, now on duty at St. Louis, Mo., will proceed to and take station at Bismarck, N. D., relieving 2d Lieut. John C. Walbe, C. S. Cavalry, of his duties at that place (S. O., Feb. 11, H. Q. A.)

## Chaplains.

Post Chaplain William J. Larkin, having been

found, by an Army Retiring Board, incapacitated for active service on account of disability which is not the result of any incident of service, is wholly retired from the Service (S. O., Feb. 9, H. Q. A.)

### THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

#### 1st Cavalry, Colonel James S. Brislin.

Hdqs., A., B., D., E., and G., Ft. Custer, Mont.; I., Ft. Leavenworth, Kas.; C., F., and H., Ft. Assiniboine, Mont.; K., Camp Sheridan, Wyo.

Capt. Max Wesendorff will report in person to Brig.-Gen. Thomas H. Ruger, president Army Retiring Board at St. Paul, Minn., for examination by the Board (S. O., Feb. 10, H. Q. A.)

The leave on account of disability granted Capt. Frank Kidder Upham is extended one year on account of disability (S. O., Feb. 10, H. Q. A.)

#### 2nd Cavalry, Colonel David B. Clendenin.

Hdqs., C., D., and H., Ft. Winona, N. Y.; G., Ft. Stanton, N. M.; B and I., Ft. Huachuca, Ariz.; A and K., Ft. Bowie, Ariz.; F., Ft. Leavenworth, Kas.; E., San Carlos, Ariz.

1st Lieut. F. W. Sibley, Adj't., is appointed recruiting officer at Fort Wingate (S. O. 13, Jan. 29, D. Ariz.). Col. David B. Clendenin will report in person to Brig.-Gen. Alex. McD. McCook, president Army Retiring Board at Los Angeles, Cal., for examination by the Board (S. O., Feb. 10, H. Q. A.)

The leave granted 2d Lieut. John S. Winn is extended two months (S. O., Feb. 10, H. Q. A.)

#### 3rd Cavalry, Colonel Albert G. Brackett.

Hdqs., and G., Ft. McIntosh, Tex.; F., Ft. Davis, Tex.; D., H., I., and K., Ft. Sam Houston, Tex.; C., Ft. Ringgold, Tex.; B., Ft. Brown, Tex.; A., Eagle Pass, Tex.; E., Camp Pecos Colorado, Tex.

The practice season for the troops at Fort McIntosh is extended to include June 30, 1891 (S. O. 10, Feb. 2, D. Tex.)

The operation of S. O. 5 is rescinded, and Capt. Henry W. Wessels, Jr., will return to his station without delay (S. O. 11, Feb. 5, D. Tex.)

#### 4th Cavalry, Colonel Chas. E. Compton.

Hdqs., A., C., D., and H., Ft. Walla Walla, Wash.; I and K., Presidio of San Francisco, Cal.; G., Ft. Sherman, Idaho; E., Vancouver Bks., Wash.; F., Boise Bks., Idaho; B., Ft. Myer, Va.

Leave for two months, to take effect about March 10, is granted 2d Lieut. Clough Overton, with permission to apply for an extension of two months (S. O. 11, Feb. 2, Div. P.)

1st Lieut. James E. Richards, Jr., Adj't., will proceed to Vancouver Barracks and report as witness (S. O. 17, Feb. 4, D. Columbia.)

1st Lieut. James B. Erwin is relieved as recruiting officer at the Presidio of San Francisco (S. O. 11, Feb. 5, D. Cal.)

#### 5th Cavalry, Colonel Eugene A. Carr.

Hdqs., A., E., F., G., and K., Ft. Niobrara, Neb.; C., D., and H., Ft. McKimsey, Wyo.; B., Ft. Myer, Va.; I., Camp Sheridan, Wyo.

The verbal instructions to the A. C. S. at Pine Ridge Agency, S. D., to transfer to Capt. John B. Kerr, 6th Cav., money for the purchase of liquid coffee, are confirmed (S. O. 13, Feb. 9, Div. M.)

Sergt. Long and ten men of Troop K, now at Fort Sheridan, will join their proper station at Fort Niobrara (S. O. 12, Feb. 6, Div. M.)

A furlough for three months is granted Sergt. John H. Kallier, Troop F (S. O. 19, Feb. 3, D. Dak.)

#### 7th Cavalry, Colonel James W. Forsyth.

Hdqs., A., B., C., D., E., G., I., and K., Ft. Riley, Kas.; F and H., Ft. Sill, Okh. T.

The leave for seven days granted 2d Lieut. Sedgwick Rice by the C. O. Fort Riley is extended ten days (S. O. 13, Feb. 5, Dept. M.)

Leave for one month is granted 2d Lieut. T. Q. Donaldson, Jr., to take effect when his services can be spared by his post commander (S. O. 14, Feb. 7, Dept. M.)

1st Lieut. Albert J. Russell will report in person to Col. Elwell S. Otis, 20th Inf., president Army Retiring Board, at the Army Building, New York City, for examination by the Board (S. O., Feb. 11, H. Q. A.)

#### 8th Cavalry, Colonel Abraham K. Arnold.

Hdqs., A., B., C., D., and I., Ft. Meade, S. D.; H and K., Ft. Keogh, Mont.; E., Ft. Buford, N. D.; F and G., Ft. Yates, N. D.

Leave for one month, with permission to apply for an extension of one month, is granted 1st Lieut. Enoch H. Crowder, Fort Yates (S. O. 17, Jan. 31, D. Dak.)

2d Lieut. Charles W. Farber is detailed recruiting officer at Fort Buford (S. O. 20, Feb. 4, D. Dak.)

Col. Elmer Otis, having been found by an Army Retiring Board incapacitated for active service on account of disability incident to the service, is retired from active service Feb. 7, and will proceed to his home (S. O., Feb. 7, H. Q. A.)

Upon his own application, S. O. 179, directing the discharge of Sergt. William Hammond, Troop A, is revoked (S. O. 20, Feb. 4, D. Dak.)

#### 9th Cavalry, Colonel Joseph G. Tilford.

Hdqs., A., D., F., G., I., and K., Ft. Robinson, Neb.; B and H., Ft. Du Chesse, Utah; E., Ft. Washakie, Wyo.; C., Ft. Leavenworth, Kas.

Capt. Martin B. Hughes, recruiting officer, 157 Hudson street, N. Y. City, will establish a temporary branch rendezvous at 227 3d avenue, N. Y. City (S. O. 24, Jan. 31, Rec. Ser.)

The journey of 1st Lieut. Charles W. Taylor from Fort Robinson to Chicago was in compliance with telegraphic instructions (S. O. 11, Feb. 5, Div. M.)

Capt. Louis H. Rucker, having completed duty in connection with the purchase of horses for the 9th Cav., will return to Fort Du Chesse (S. O. 13, Feb. 5, D. Platte.)

Junior Vet. Surg. Alexander McDonald is relieved from duty at Fort McKimsey, and will proceed to Fort Du Chesse (S. O. 13, Feb. 5, D. Platte.)

Senior Vet. Surg. John Tampion will return to Fort Robinson, Neb. (S. O. 15, Feb. 7, D. Platte.)

#### 10th Cavalry, Colonel John E. Minter.

Hdqs., F., and G., Ft. Grant, A. T.; B., E., H., and I., Ft. Apache, A. T.; K., Ft. Thomas, A. T.; A, San Carlos, A. T.; C and D, Ft. Bayard, N. M.

Leave for one month is granted Major Frederick Van Vliet (S. O. 11, Jan. 20, D. Ariz.)

Troop K, Fort Thomas, will proceed to San Carlos for temporary duty, relieving Troop A. Troop A will proceed to Fort Grant and take station. The U. S. Fort Grant will send Troop F to Fort Thomas

for temporary duty, relieving Troop K (S. O. 11, Jan. 26, D. Ariz.)

#### 1st Artillery, Colonel Loomis L. Langdon.

Hdqs., A., G., I., and K., Ft. Hamilton, N. Y. H.; C., D., and L., Ft. Wadsworth, N. Y. H.; E., Ft. Riley, Kas.; B., H., and M., Ft. Columbus, N. Y. H.; F., Ft. Monroe, Va.

1st Lieut. J. E. Runcie is relieved as recorder of the Army Retiring Board at San Francisco (S. O. 10, Jan. 31, Div. P.)

#### 2nd Artillery, Colonel John Mendenhall.

Hdqs., C., G., and H., Ft. Adams, R. I.; L., Ft. Trumbull, Conn.; E., Ft. Preble, Me.; B and D, Ft. Warren, Mass.; A., Ft. Riley, Kas.; F., Ft. Leavenworth, Kas.; I., Ft. Monroe, Va.; K and M, Ft. Schuyler, N. Y.

2d Lieut. Richmond P. Davis will report to the Board of Officers at the Army Building, New York City, for examination with view to selection for transfer to the Ord. Dept. (S. O., Feb. 8, H. Q. A.)

The members of the Regimental Board of Examination appointed under G. O. 132, of 1890, H. Q. A., will make journeys as follows: Capt. Joseph G. Ramsey, from Fort Schuyler to Forts Trumbull, Adams, Warren, and Preble, and return to Fort Schuyler; Capt. Henry G. Litchfield, from Fort Trumbull to Forts Schuyler, Trumbull, Adams, Warren, and Preble, and return to Fort Trumbull; 1st Lieut. Medore Crawford, Jr., from Fort Adams to Forts Schuyler, Trumbull, Adams, Warren, and Preble, and return to Fort Adams (S. O. 23, Feb. 6, Div. A.)

1st Lieut. George F. E. Harrison will report to Brig.-Gen. John Gibbon, president Army Retiring Board, San Francisco, for examination by the Board (S. O., Feb. 7, H. Q. A.)

The resignation by Capt. Charles E. Kilbourne, Signal Corps, of his commission as 1st Lieutenant, 2d Art., only, has been accepted by the President to take effect Jan. 31, 1891 (S. O., Feb. 9, H. Q. A.)

1st Lieut. V. H. Bridgman is detailed member of the G. C.-M. at Fort Riley (S. O. 15, Feb. 9, Dept. M.)

#### 3rd Artillery, Colonel Horatio G. Gibson.

Hdqs., A., C., E., H., K., and L., Washington Bks., D. C.; D., G., and I., Ft. McHenry, Md.; B and M, Ft. Monroe, Va.; F., Ft. Sam Houston, Tex.

Capt. Lewis Smith and James Chester and 1st Lieut. Charles B. Satterlee, Adj't., members of the Regimental Board of Examination, will proceed to Fort McHenry, Md., upon public business (S. O. 24, Feb. 7, Div. A.)

#### 4th Artillery, Colonel Henry W. Closson.

Hdqs., C., D., K., and L., Ft. McPherson, Ga.; B., Ft. Adams, R. I.; F., Ft. Riley, Kas.; H., Ft. Monroe, Va.; I., Jackson Bks., La.; A and M, Ft. Barrancas, Fla.; E and G, St. Francis Barracks, Fla.

1st Lieut. Clarence P. Townsley is relieved from duty with Light Bat. B, and will proceed to Fort McPherson, Ga., and report in person to the C. O. of his regiment for duty as Regimental Quartermaster (S. O., Feb. 11, H. Q. A.)

#### 5th Artillery, Colonel Alex. Piper.

Hdqs., B., C., D., F., H., and K., Presidio of San Francisco, Cal.; M, Ft. Mason, Cal.; E and L, Ft. Canby, Wash.; A and I, Alcatraz Island, Cal.; G, Ft. Monroe, Va.

Adtl. 2d Lieut. George G. Gately is detailed recruiting officer at Fort Mason, vice 2d Lieut. William Lester, relieved (S. O. 9, Jan. 31, D. Cal.)

2d Lieut. Thomas Ridgway is detailed recruiting officer at the Presidio of San Francisco (S. O. 11, Feb. 5, D. Cal.)

Pvt. Hans M. Borgen, Bat. G, will be discharged on March 8 by the C. O. Fort Monroe (S. O. 28, Feb. 10, Div. A.)

#### 1st Infantry, Colonel William R. Shafter.

Hdqs., A., B., E., G., and H., Angel Island, Cal.; C and D, Bonifata Bks., Cal.; F., Ft. Gaston, Cal.

Capt. Francis E. Pierce is relieved from duty as Indian Agent at Pine Ridge Agency, S. D., on account of sickness (S. O., Feb. 5, H. Q. A.)

1st Lieut. Frank de L. Carrington, Adj't., is detailed recruiting officer at Camp at Pine Ridge Agency (S. O. 14, Feb. 6, D. Platte.)

#### 2nd Infantry, Colonel Frank Wheaton.

Hdqs., A., B., C., D., E., F., G., and H., Ft. Omaha, Neb.

1st Lieut. Charles W. Rowell is relieved as J.-A. of the G. C.-M. at Fort Omaha, and 1st Lieut. Edmund K. Webster is detailed as J.-A. (S. O. 15, Feb. 7, D. Platte.)

#### 3rd Infantry, Colonel Edwin C. Mason.

Hdqs., A., D., E., and H., Ft. Snelling, Minn.; C and F, Ft. Meade, S. D.; B and G, Ft. Sully, S. D.

1st Lieut. Frank B. McCoy is relieved from recruiting duty at St. Paul, and will proceed to Fort Snelling and report to his regimental commander (S. O. 27, Feb. 4, Rec. Ser.)

#### 4th Infantry, Colonel William P. Carlin.

Hdqs., D., E., F., and H., Ft. Sherman, Idaho; A, B, and G, Ft. Spokane, Wash.; C, Boise Barracks, Idaho.

1st Lieut. Leonard A. Lovering, A. D. C., is detailed as recorder of the Army Retiring Board at San Francisco (S. O. 10, Jan. 31, Div. P.)

#### 5th Infantry, Colonel Nathan W. Osborne.

Hdqs., D., and E., Ft. Bliss, Tex.; B and G, Ft. McIntosh, Tex.; A and F, Ft. Ringgold, Tex.; H., Ft. Hancock, Tex.; I., Ft. Davis, Tex.

1st Lieut. William H. C. Bowen, recruiting officer, New Haven, Conn., will visit the temporary branch rendezvous at Bridgeport, Conn. (S. O. 20, Feb. 3, Rec. Ser.)

1st Lieut. William H. C. Bowen, recruiting officer, New Haven, will proceed to Waterbury, Conn., and establish a temporary branch rendezvous (S. O. 27, Feb. 4, Rec. Ser.)

Leave for three days is granted 1st Lieut. William H. C. Bowen, recruiting officer (S. O., Feb. 8, H. Q. A.)

1st Lieut. Charles E. Thompson will report March 1, 1891, to the C. O. Infantry and Cavalry School, Fort Leavenworth, for special instruction preparatory to his detail as a student officer of the school (S. O., Feb. 9, H. Q. A.)

#### 6th Infantry, Colonel Melville A. Cochran.

Hdqs., F., and G., Ft. Thomas, Ky.; E., Newport Barracks, Ky.; A, Ft. Wood, N. Y. H.; B and D, Ft. Porter, N. Y.; C, Ft. Ontario, N. Y.; H., Plattsburgh Barracks, N. Y.

Capt. Charles G. Penney, Fort Porter, is detailed to perform the duties of Indian Agent at Pine Ridge

Agency, S. D. He will proceed to Pine Ridge, reporting to the Comdg. Gen. Div. of Missouri, at Chicago, for consultation, and take charge of that agency without delay (S. O., Feb. 5, H. Q. A.)

Capt. James W. Powell, Jr., and 3d Lieut. Harry H. Bandholz will proceed to Fort Porter on public business (S. O. 24, Feb. 7, Div. A.)

Sergt. Henry Meyers, Co. D, Fort Porter, will be discharged (S. O., Feb. 5, H. Q. A.)

#### 7th Infantry, Colonel Henry C. Merriam.

Hdqs., B., C., D., E., F., and G., Ft. Logan, Colo.; A, Camp Pilot Butte, Wyo.; H, Ft. Leavenworth, Kas.

1st Lieut. Charles A. Booth, recruiting officer, Harrisburg, Pa., will proceed to Lancaster, Pa., and establish a temporary branch rendezvous (S. O. 26, Feb. 3, Rec. Ser.)

2d Lieut. William S. Graves is relieved as member of the G. C.-M. at Fort Washakie (S. O. 12, Feb. 3, D. Platte.)

1st Lieut. J. B. Jackson, on detached service at Fort Logan, will proceed to Fort Leavenworth and report for duty with his company (S. O. 15, Feb. 9, Dept. M.)

The leave for seven days granted 2d Lieut. A. L. Lasseigne, Fort Leavenworth, is extended fifteen days (S. O. 15, Feb. 9, Dept. M.)

#### 8th Infantry, Colonel August V. Kautz.

Hdqs., A., E., and H., Ft. McKimsey, Wyo.; C and D, Ft. Robinson, Neb.; F, Ft. Washakie, Wyo.; B and G, Ft. Omaha, Neb.

Leave for one month, to take effect on return of his company from field service to Fort Niobrara, is granted Capt. Charles Porter, with permission to apply for an extension of one month (S. O. 12, Feb. 3, D. Platte.)

1st Lieut. Edward Lynch is relieved as J.-A. of the G. C.-M. at Fort Washakie (S. O. 12, Feb. 3, D. Platte.)

2d Lieut. Frederick V. Krug is relieved as member and detailed J.-A. of the G. C.-M. at Fort Washakie (S. O. 12, Feb. 3, D. Platte.)

Capt. Thomas Wilhelm, having reported, is assigned to duty at St. Paul, in charge of the sub-depot and rendezvous (S. O. 27, Feb. 4, Rec. Ser.)

#### 9th Infantry, Colonel Charles G. Bartlett.

Hdqs., B., C., and H., Whipple Bks., A. T.; E, San Diego Bks., Cal.; D and G, Ft. Huachuca, A. T.; A and F, Ft. Wingate, N. M.

Leave for fifteen days, to take effect about Feb. 3, is granted Capt. John A. Baldwin (S. O. 11, Jan. 26, D. Ariz.)

Lieut. A. I. Moriarty is relieved as recruiting officer at Fort Wingate (S. O. 13, Jan. 20, D. Ariz.)

#### 10th Infantry, Colonel Henry Douglas.

Hdqs., and D, Ft. Marcy, N. M.; C and H, Ft. Union, N. M.; E, Ft. Lewis, Colo.; B, Ft. Stanton, N. M.; A and F, Ft. Leavenworth, Kas.; G, Oklahoma, O. T.

Leave for two days, to take effect Feb. 12, is granted Capt. Gregory Barrett, recruiting officer (S. O., Feb. 6, H. Q. A.)

1st Lieut. Robert C. Van Vliet is detailed as Professor of Military Science and Tactics at Vincennes University, Vincennes, Ind., and will report for duty (S. O., Feb. 6, H. Q. A.)

#### 11th Infantry, Colonel Richard I. Dodge.

Hdqs., A., B., D., F., G., and H., Madison Bks., N. Y. C and E, Ft. Niagara, N. Y.

The leave for seven days granted 1st Lieut. Robert L. Hirst, Madison Barracks, is extended fifteen days (S. O. 28, Feb. 12, Div. A.)

#### 12th Infantry, Colonel Edwin F. Townsend.

Hdqs., and E, Ft. Leavenworth, Kas.; G and H, Ft. Yates, N. D.; B, C, and D, Ft. Sully, S. D.; F, Ft. A. Lincoln, N. D.; A, Ft. Bennett, S. D.

Leave for one month, with permission to apply for an extension of one month, is granted 2d Lieut. Bard P. Sohenok, Fort A. Lincoln (S. O. 20, Feb. 4, D. Dak.)

#### 13th Infantry, Colonel Montgomery Bryant.

Hdqs., E., and H., Ft. Supply, Ind. T.; G, Ft. Reno, Okh. T.; A, C., and D, Ft. Sill, Okh. T.; F, Ft. Leavenworth, Kas.; B, Guthrie, Okh. T.

Leave for four days is granted 1st Lieut. Charles S. Hall, recruiting officer (S. O., Feb. 5, H. Q. A.)

The leave on Surgeon's certificate granted 1st Lieut. Thomas S. Mumford is extended until further orders on account of disability (S. O., Feb. 11, H. Q. A.)

#### 14th Infantry, Colonel Thomas M. Anderson.

Hdqs., B., C., D., E., F., and G., Vancouver Bks., Wash.; A, Ft. Townsend, Wash.; H, Ft. Leavenworth, Kas.

Leave to include March 10, 1891, is granted 2d Lieut. William R. Sample (S. O., Feb. 10, H. Q. A.)

#### 15th Infantry, Colonel Robert E. Crofton.

Hdqs., E., and H., Ft. Sheridan, Ill.; F, Ft. Buford, N. D.; G, Ft. Randall, S. D.; B, Ft. Pembina, N. D.; A and M, Ft. Varnos Barracks, Ala.; D, Jackson Barracks, La.

1st Lieut. G. K. McGunagle is relieved as recruiting officer at Fort Buford (S. O. 20, Feb. 4, D. Dak.)

1st Lieut. Edward Lloyd is detailed recruiting officer at Fort Randall (S. O. 14, Feb. 6, D. Platte.)

#### 16th Infantry, Colonel Matthew M. Blunt.

Hdqs., B., D., E., G., and H., Ft. Douglas, Utah; A, C., and F, Ft. Du Chesse, Utah.

Leave for ten days, to take effect about March 1, is granted 2d Lieut. Charles C. Ballou, Fort Douglas (S. O. 11, Feb. 2, D. Platte.)

Leave for three months is granted 1st Lieut. Daniel F. Anglum (S. O., Feb. 6, H. Q. A.)

Sergt. William Piesher, Co. C, for firing two shots at a private with intent to kill, has been reduced to the ranks, mulcted \$90, and relegated to confinement at hard labor for twelve months.

#### 17th Infantry, Colonel Henry R. Minter.

Hdqs., A., B., C., D., E., F., G., and H., Ft. D. A. Russell, Wyo.

Capt. Frank D. Garretty is relieved from duty at Davids Island, N. Y. H., and will proceed to Providence, R. I., and take charge of the rendezvous in that city (S. O. 24, Jan. 31, Rec. Ser.)

1st Lieut. Daniel H. Brush, recruiting officer, Rochester, N. Y., is authorized to visit the temporary branch rendezvous at Canandaigua, N. Y. (S. O. 25, Feb. 2, Rec. Ser.)

2d Lieut. E. S. Walker is detailed member of the G. C.-M. at Fort Washakie (S. O. 12, Feb. 3, D. Platte.)

Sergt. Ferdinand Albrecht, Co. C, will be discharged the Service Feb. 14 (S. O. 11, Feb. 2, D. Platte.)

#### 18th Infantry, Colonel Charles H. Smith.

Hdqs., A., E., G., and H., Ft. Wayne, Mich.; B and F, Ft. Brady, Mich.; C and D, Ft. Mackinac, Mich.

### 21st Infantry, Colonel Richard F. O'Brien.

Hqrs., A. C. E. and G. Ft. Sidney, Neb.; B, D, F, and H, Ft. Douglas, Utah.

The order detailing 1st Lieut. John S. Parke, Jr., as Professor of Military Science and Tactics at the Virginia Military Institute, is suspended until further orders (S. O., Feb. 7, H. Q. A.).

Gen. John Brooke, comdg. Dept. of the Platte, in G. O. 1, of Feb. 3, announces the death, Jan. 31, 1891, of Col. Henry A. Morrow, 21st Inf., recounts his distinguished services, and says: "The military history of Col. Morrow shows the zeal and patriotism with which he served his country during the war with Mexico, the War of the Rebellion, and during a trying service of twenty-five years on the frontier. It is a record commended by all who knew him, an example worthy of being followed, and having been the pride of his family in the past it will be their comfort in the future."

### 22nd Infantry, Colonel Peter T. Swaine.

Hqrs., A, B, C, D, and E, Ft. Keogh, Mont.; G and H, Ft. Yates, N. D.; K, Ft. Buford, N. D.

2d Lieut. George H. Patten will report to Bismarck, N. D., and report to the Governor of North Dakota for duty to instruct the militia of that State (S. O., Feb. 6, H. Q. A.).

### 23rd Infantry, Colonel John J. Coppinger.

Hqrs., A, B, C, D, and E, Ft. Sam Houston, Tex.; F, C, D, and G, Ft. Davis, Tex.

1st Lieut. Lea Febiger, R. Q. M., now on leave at New Haven, Conn., will report to the Supt. Recruiting Service, New York City, to conduct recruits to Texas. On the completion of this duty he will join his regiment (S. O., Feb. 6, H. Q. A.).

### 24th Infantry, Colonel Zenas R. Bliss.

Hqrs., A, B, C, D, and E, Ft. Bayard, N. M.; F and G, Ft. Grant, Ariz.; H and I, San Carlos, Ariz.

Capt. J. Milton Thompson, upon being relieved from charge of the rendezvous at Providence, R. I., will proceed to Davids Island, N. Y. H., and report for duty at that depot (S. O. 24, Jan. 31, Rec. Ser.).

The following transfers are ordered: 1st Lieut. Frank H. Mills, from Co. G to Co. H; 1st Lieut. Charles Dodge, Jr., from Co. H to Co. G (S. O., Feb. 10, H. Q. A.).

The C. O. San Carlos will grant Sergt. Lewis Burgess, Co. G, a furlough for six months (S. O. 16, Feb. 4, D. Ariz.).

(For Late Army Orders see page 426.)

### Appointments, etc., of Commissioned Officers and Retired Enlisted Men, U. S. A., recorded in the A.-G. O. during the week ending Jan. 31, 1891.

#### APPOINTMENT.

Colonel Daniel W. Flazler, Ordnance Department, to be Chief of Ordnance with the rank of Brigadier-General, January 23, 1891, vice Benét, retired from active service.

#### PROMOTIONS AND ASSIGNMENTS.

Lieutenant-Colonel John J. Coppinger, 18th Infantry, to be Colonel of Infantry, January 15, 1891, vice Black (23d Infantry), retired from active service—to the 23d Infantry.

Major Jacob F. Kent, 4th Infantry, to be Lieutenant-Colonel of Infantry, January 15, 1891, vice Coppinger (18th Infantry), promoted—to the 18th Infantry.

Captain Charles B. Byrne, Assistant Surgeon, to be Surgeon with the rank of Major, January 2, 1891, vice Sternberg, promoted.

Captain George M. Randall, 23d Infantry, to be Major of Infantry, January 15, 1891, vice Kent (4th Infantry), promoted—to the 4th Infantry.

1st Lieutenant Charles A. Williams, 21st Infantry, to be Captain of Infantry, November 14, 1890, vice Rheem (21st Infantry), deceased—to the 21st Infantry (Company K).

1st Lieutenant Luther R. Hare, 7th Cavalry, to be Captain of Cavalry, December 29, 1890, vice Wallace (7th Cavalry), killed in action with Indians—to the 7th Cavalry (Troop K).

1st Lieutenant Thaddeus W. Jones, Regimental Adjutant 10th Cavalry, to be Captain of Cavalry, January 14, 1891, vice Maxon (10th Cavalry), retired from active service—to the 10th Cavalry (Troop M).

1st Lieutenant Edward B. Pratt, 23d Infantry, to be Captain of Infantry, January 15, 1891, vice Randall (23d Infantry), promoted—to the 23d Infantry (Company I).

2d Lieutenant Edward S. Aris, 5th Infantry, to be 1st Lieutenant of Infantry, November 11, 1890, vice Ord (25th Infantry), promoted—to the 25th Infantry (Company H).

2d Lieutenant Alfred B. Scott, 13th Infantry, to be 1st Lieutenant of Infantry, November 12, 1890, vice Craft (6th Infantry), deceased—to the 6th Infantry (Company K).

2d Lieutenant Harris L. Roberts, 19th Infantry, to be 1st Lieutenant of Infantry, November 14, 1890, vice Williams (21st Infantry), promoted—to the 21st Infantry (Company B).

2d Lieutenant Walter H. Chatfield, 5th Infantry, to be 1st Lieutenant of Infantry, November 20, 1890, vice Turner (18th Infantry), dismissed—to the 18th Infantry (Company D).

2d Lieutenant John F. Morrison, 20th Infantry, to be 1st Lieutenant of Infantry, November 27, 1890, vice Maus (1st Infantry), promoted—to the 1st Infantry (Company I).

2d Lieutenant Andrew S. Rowan, 15th Infantry, to be 1st Lieutenant of Infantry, November 28, 1890, vice McCaleb (9th Infantry), appointed Regimental Adjutant—to the 9th Infantry (Company F).

2d Lieutenant Frank B. Andrus, 4th Infantry, to be 1st Lieutenant of Infantry, December 12, 1890, vice Earle (2d Infantry), deceased—to the 2d Infantry (Company K).

2d Lieutenant James F. Bell, 7th Cavalry, to be 1st Lieutenant of Cavalry, December 29, 1890, vice Hare (7th Cavalry), promoted—to the 7th Cavalry (Troop C).

2d Lieutenant John H. Willis, 22d Infantry, to be 1st Lieutenant of Infantry, December 29, 1890, vice Smith (12th Infantry), promoted—to the 12th Infantry (Company C).

2d Lieutenant Frederick T. Van Liew, 2d Infantry, to be 1st Lieutenant of Infantry, December 29, 1890, vice Dougherty (11th Infantry), retired from active service—to the 11th Infantry (Company K).

2d Lieutenant James E. Wilson, 5th Infantry, to be

1st Lieutenant of Infantry, December 29, 1890, vice Brown (11th Infantry), promoted—to the 11th Infantry.

2d Lieutenant Daniel F. Anglum, 12th Infantry, to be 1st Lieutenant of Infantry, January 1, 1891, vice Cowles (16th Infantry), appointed Regimental Quartermaster—to the 16th Infantry (Company B).

2d Lieutenant Edward A. Millar, 3d Artillery, to be 1st Lieutenant of Artillery, January 7, 1891, vice Thompson (2d Artillery), appointed 1st Lieutenant in the Ordnance Department—to the 2d Artillery (Battery M).

To be Assistant Surgeon with the rank of Captain, after five years' service, in accordance with the act of June 23, 1874.

Assistant Surgeon William B. Banister, January 26, 1891.

#### COMMISSIONS VACATED BY NEW APPOINTMENT.

By Brigadier-General Daniel W. Flazler, Chief of Ordnance, his commission as Colonel in the Ordnance Department, January 31, 1891.

By Captain James Allen, Signal Corps, his commission as Captain, 3d Cavalry, January 31, 1891.

#### TRANSFERS.

2d Lieutenant William G. Haan, from the 1st Artillery to the 5th Artillery, January 29, 1891.

2d Lieutenant William Lassiter, from the 5th Artillery to the 1st Artillery, January 29, 1891.

#### CASUALTIES.

Colonel Henry A. Morrow, 21st Infantry, died January 31, 1891, at Hot Springs, Arkansas.

Major Henry H. C. Dunwoody, Signal Corps, resigned his commission as Captain, 4th Artillery, only, January 24, 1891.

Major James M. Robertson (retired), died January 24, 1891, at Plattsburgh, New York.

Major Edward Ingersoll (retired), died January 28, 1891, at Springfield, Massachusetts.

Captain Richard E. Thompson, Signal Corps, resigned his commission as 1st Lieutenant, 6th Infantry, only, January 24, 1891.

Captain William D. Dietz, Assistant Surgeon, died January 28, 1891, at Alcatraz Island, California.

Captain Bainbridge Reynolds, 31 Cavalry, resigned February 1, 1891.

[NOTE.—The troops, batteries, and companies to which the company officers herein named are promoted and assigned are added above, in accordance with S. O., H. Q. A., Feb. 5.—ED. JOURNAL.]

During the week ending Feb. 7, 1891.

#### APPOINTMENTS.

1st Lieutenant George P. Scriven, 3d Artillery, to be 1st Lieutenant in the Signal Corps, to rank from December 18, 1890, to fill an original vacancy.

2d Lieutenant James A. Swift, Signal Corps, to be 2d Lieutenant of Cavalry, to rank from November 1, 1878, vice Baldwin (7th Cavalry), promoted to 9th Cavalry.

2d Lieutenant Robert B. Watkins, Signal Corps, to be 2d Lieutenant of Cavalry, to rank from April 26, 1883, vice Squiers (7th Cavalry), promoted to 1st Cavalry.

2d Lieutenant John C. Walshe, Signal Corps, to be 2d Lieutenant of Cavalry, to rank from April 27, 1883, vice Bell (7th Cavalry), promoted to 7th Cavalry.

2d Lieutenant Benjamin M. Pursell, Signal Corps, to be 2d Lieutenant of Infantry, to rank from October 13, 1883, vice Hughes (13th Infantry), promoted to 9th Infantry.

2d Lieutenant Fielder M. M. Beall, Signal Corps, to be 2d Lieutenant of Infantry, to rank from October 15, 1883, vice Avis (5th Infantry), promoted to 25th Infantry.

2d Lieutenant Julius H. Weber, Signal Corps, to be 2d Lieutenant of Infantry, to rank from July 1, 1884, vice Scott (13th Infantry), promoted to 6th Infantry.

2d Lieutenant John P. Finley, Signal Corps, to be 2d Lieutenant of Infantry, to rank from July 1, 1884, vice Roberts (19th Infantry), promoted to 21st Infantry.

2d Lieutenant Frederick R. Day, Signal Corps, to be 2d Lieutenant of Infantry, to rank from July 15, 1884, vice Chatfield (5th Infantry), promoted to 18th Infantry.

2d Lieutenant James Mitchell, Signal Corps, to be 2d Lieutenant of Infantry, to rank from August 15, 1885, vice Morrison (20th Infantry), promoted to 1st Infantry.

2d Lieutenant Frank W. Ellis, Signal Corps, to be 2d Lieutenant of Infantry, to rank from August 15, 1885, vice Rowan (15th Infantry), promoted to 9th Infantry.

#### RETIREMENTS.

Colonel Elmer Otis, 8th Cavalry, February 7, 1891 (section 1251. Revised Statutes).

2d Lieutenant Charles S. Fowler, 19th Infantry, with the rank of 1st Lieutenant of Infantry, to date from January 7, 1891 (act of October 1, 1890).

#### COMMISSIONS VACATED BY NEW APPOINTMENT.

By 1st Lieutenant William A. Glassford, Signal Corps, his commission as 2d Lieutenant, Signal Corps, January 31, 1891.

By 1st Lieutenant Joseph E. Maxfield, Signal Corps, his commission as 2d Lieutenant, Signal Corps, February 5, 1891.

By 1st Lieutenant Frank Greene, Signal Corps, his commission as 2d Lieutenant, Signal Corps, January 29, 1891.

By 2d Lieutenant James A. Swift, Cavalry, his commission as 2d Lieutenant, Signal Corps, February 6, 1891.

By 2d Lieutenant Robert B. Watkins, Cavalry, his commission as 2d Lieutenant, Signal Corps, February 6, 1891.

By 2d Lieutenant John C. Walshe, Cavalry, his commission as 2d Lieutenant, Signal Corps, February 7, 1891.

#### CASUALTY.

Captain Charles E. Kilbourne, Signal Corps, resigned his commission as 1st Lieutenant, 2d Artillery, only, January 31, 1891.

#### Courts-martial.

The following courts have been ordered:

At Fort Bayard, N. M., Feb. 3. Detail: Capt. Charles C. Hood, Frederick M. Crandall, and James N. Morgan, 24th Inf.; Capt. Alexander E. B. Koyne and Charles E. Nordstrom, 10th Cav.; Capt. William H. W. Jacobs, 1st Lieut. William Black and James E. Brett, 24th Inf.; 1st Lieut.

Ferry E. Tripp, 10th Cav.; 2d Lieut. Henry C. Keene, Jr., and Joseph D. Leitch, 24th Inf.; 2d Lieut. Winthrop S. Wood and Lawrence J. Fleming, 19th Cav., and 1st Lieut. Henry W. Hovey, 24th Inf.; J.-A. (S. O. 18, Jan. 29, D. Ariz.).

At Fort Huachuca, A. T., Feb. 2. Detail: Major William A. Rafferty, Capt. William C. Rawolls and Joshua L. Fowler, 2d Cav.; Capt. Rudolph G. Hbert, Asst. Surg.; Capt. James Regan, 9th Inf.; 1st Lieut. Herbert H. Barcent and 2d Lieut. P. D. Lochridge, 3d Cav.; 2d Lieut. Frank R. Albright, 9th Inf., and 1st Lieut. Robert H. Anderson, 9th Inf.; J.-A. (S. O. 14, Jan. 30, D. Ariz.).

At Fort Robinson, Neb., Feb. 9. Detail: Capt. William S. Worth, Clarence M. Bailey, and Augustus W. Corlies, 3d Inf.; Capt. George W. Adair, Asst. Surg.; Capt. Joseph Garrard and 1st Lieut. Mathias W. Day, R. Q. M., 9th Cav.; 1st Lieut. Edgar Hubert, 8th Inf.; 2d Lieut. Grote Hutchison and Gonzales S. Bingham, 9th Cav., and 2d Lieut. Alexander H. Piper, 8th Inf.; J.-A. (S. O. 12, Feb. 3, D. Platte.).

At Fort Carson, Mont., Feb. 12. Detail: Major Henry Carroll, 1st Cav.; Capt. John W. French, 25th Inf.; Capt. Max Wesendorf and Frazier A. Boutelle, 1st Cav.; Capt. Owen J. Sweet, 25th Inf.; 1st Lieut. John Fitcher, 2d Louisiana, George L. Byram, William C. Rivers, and James M. Andrews, Jr., 1st Cav., and 1st Lieut. R. P. Page Wainwright, 1st Cav.; J.-A. (S. O. 20, Feb. 4, D. Dak.).

At Fort Riley, Kas., Feb. 9. Detail: Capt. H. J. Nowlan, Henry Jackson, and C. A. Varnum, 7th Cav.; 1st Lieut. E. D. Hoyle, 2d Art.; 1st Lieut. Adelbert Cronkhite, 4th Art.; 1st Lieut. J. T. Clarke, Asst. Surg.; 1st Lieut. J. E. Maxfield, Signal Corps; 2d Lieut. J. C. Waterman, 7th Cav.; 2d Lieut. G. W. Gatchell, 4th Art., and 2d Lieut. J. L. Hayden, 1st Art.; J.-A. (S. O. 13, Feb. 3, Dept. M.).

At Fort Ringgold, Tex., Feb. 12. Detail: Major George A. Purinton, 3d Cav.; Capt. Edward L. Randall and Henry Romeyn and 1st Lieut. C. B. Thompson, 5th Inf.; 1st Lieut. Theodore F. DeWitt, Asst. Surg.; 2d Lieut. Robert W. Rose, 5th Inf.; 2d Lieut. George T. Langhorne, 3d Cav., and 1st Lieut. Henry L. Ripley, 3d Cav.; J.-A. (S. O. 11, Feb. 5, D. Tex.).

At Fort Supply, I. T., Feb. 12. Detail: Capt. William Auman, 13th Inf.; Capt. J. A. Augur, 5th Cav.; Capt. P. R. Brown, Asst. Surg.; Capt. J. S. Bishop, 13th Inf.; Capt. G. H. Paddock, 5th Cav.; 1st Lieut. G. R. Cecil, 13th Inf.; 1st Lieut. H. DeH. Waite, 5th Cav.; 2d Lieut. Carl Koops and J. C. Fox, 13th Inf., and 2d Lieut. M. C. Butler, Jr., 5th Cav.; J.-A. (S. O. 14, Feb. 7, Dept. M.).

At Fort Sam Houston, Tex., Feb. 13. Detail: Col. Albert C. Brackett, 3d Cav.; Lieut.-Col. James F. Martin, A. A. G.; Lieut.-Col. George H. Weeks, D. Q. M. G.; Lieut.-Col. Charles M. Terrell, D. P. M. G.; Major William A. Marry, Ord. Dept.; Major Eugene B. Beaumont, 4th Cav.; Major Samuel B. M. Young, 3d Cav.; Capt. Joseph T. Haskell and Richard I. Eskridge, 23d Inf.; Capt. James B. Burbank, 3d Art.; Capt. William C. Manning, 23d Inf., and Capt. Harvey C. Carbaugh, A. J.-A. (S. O. 6, Feb. 8, H. Q. A.).

At Fort Wadsworth, N. Y. H., Feb. 13. Detail: Lieut.-Col. Richard Loder, 1st Art.; Capt. Curtis E. Price, Asst. Surg.; Capt. Junius W. MacMurray, Edmund K. Russell, and Henry W. Hubbell, and 1st Lieut. Robert H. Patterson, 1st Art., and Addtl. 2d Lieut. William J. Snow, 1st Art.; J.-A. (S. O. 27, Feb. 11, Div. A.).

#### Army Boards.

A Board of Officers will meet at Fort D. A. Russell, Wyo., Feb. 12, to report if any extra work was done by the contractor and if so, how much, with an estimate of its cost, in the removal of certain buildings from Cheyenne Depot to Fort D. A. Russell. Detail: Capt. Cyrus S. Roberts and 1st Lieut. George H. Roach and William A. Mann, 17th Inf. (S. O. 12, Feb. 8, D. Platte.).

A Board of Survey, to consist of 1st Lieut. Will T. May and 2d Lieut. Harold L. Jackson, 15th Inf., will assemble at Fort Pembina, N. D., Feb. 6, to fix the responsibility for the loss of one buffalo overcoat (S. O. 19, Feb. 3, D. Ariz.).

The Army Retiring Board appointed to meet at Los Angeles, Cal., by War Dept. order dated Jan. 8, 1890, is dissolved. An Army Retiring Board is appointed to meet at the call of the president thereof at Los Angeles, Cal., for the examination of such officers as may be ordered before it. Detail: Brig.-Gen. Alexander McD. McCook; Col. Joseph B. Smith and Major David L. Huntington, Surgs.; Major Amos S. Kimball, Q. M.; Major William A. Elderkirk, C. S., and 2d Lieut. Chaucer B. Baker, 7th Inf., A. D. C., Recorder (S. O., Feb. 10, H. Q. A.).

#### Cavalry Arm.

The following officers will report to Lieut.-Col. Henry W. Lawton, I. G., president Examining Board at the War Dept., for examination as to their fitness for promotion: 2d Lieut. James A. Swift and Robert B. Watkins, cavalry (S. O., Feb. 7, H. Q. A.).

2d Lieut. John C. Walshe, cavalry, will proceed to Fort Leavenworth and report to Col. Edwin F. Townsend, president Examining Board, for examination as to fitness for promotion (S. O., Feb. 7, H. Q. A.).

#### Retirements of Enlisted Men.

Feb. 10, 1891.—Post Q. M. Sergt. Francis Lorenz; Commissary Sergt. Arthur J. Smith; Corp. Henry V. Stanley, Bat. G, 3d Art.; Pvt. Oliver P. Sidelinger, Co. G, 14th Inf.

G. C. M.—1st Sergt. Geo. Conway, Co. B of Instruction, Davids Island, has been mulcted \$10, for using boisterous, profane, indecent and threatening words in front of the barracks.

Plattsburgh Barracks.—Plattsburgh is delighted now that the prospect of a large military post in its vicinity is assured, and the troops eventually sent to it when completed may rest assured of a hearty welcome. Capt. Schindler's company of the 6th U. S. Infantry now holds the fort, and many friends of the company at Plattsburgh hope it may form part of the increased garrison. A rifle range is to be a special feature of the new post.

#### DEPARTMENT NEWS.

##### Dept. of Dakota.—Brig. Gen. T. H. Ruger.

A Rapid City despatch of Feb. 7 reports a severe blizzard and says: "The troops who, with the 6th Cheyenne scouts of the late Lieut. Casey's command, are escorting 100 Pine Ridge Indians to the Tongue River Agency, Mont., are out in the storm. They are encamped on Spring Creek, near the Cheyenne, 40 miles southeast of the city."

(Correspondence of the Army and Navy Journal.)

##### FORT SCHUYLER, N. Y. H.

FEB. 9, 1891.

MRS. AND MISS THROCKMORTON are in Washington visiting relatives. Mr. O. Wickliffe Throckmorton came up from Lehigh, on Friday, and stayed over Sunday with the major.

Mrs. Alexander D. Schenck, after an absence of several weeks, has returned to Schuyler.

Captain and Mrs. J. Gates Ramsey returned home this week after spending a few days at West Point, where they were entertained by Lieut. and Mrs. Hamilton Rowan.

Mrs. Beverly Dunn is visiting her sister, Mrs. Herman C. Schumm. Lieut. Dunn spent a few days last week at the post, but left Monday, to report for duty with Lieut. Hobbs at Bethlehem.

Lieut. and Mrs. Richmond P. Davis have gone to New York for a short stay.

Miss Marie Schenck left the post this week for Baltimore, where she will spend some time with relatives.

EXTRA.

## THE NAVY.

BENJAMIN F. TRACY, Secretary of the Navy  
JAMES R. SOLEY, Assistant Secretary of the Navy.

## NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

**N. Atl. Station.—R. Adm. Bancroft Gherardi.**  
PHILADELPHIA, 1st rate, 12 guns flagship, Capt. Frederick Rodgers. At Port au Prince Jan. 28.

KEANSARGE, 8d rate, 7 guns, Comdr. H. Elmer. Reported to have arrived at Port au Prince Feb. 6.  
PETREL, 4th rate, 4 guns. Lieut. Comdr. W. H. Brownson. All mail for the ship should be addressed to Port au Prince, Hayti. Arrived at Port au Prince Jan. 27.

ENTERPRISE, 3d rate, 6 guns, Comdr. G. A. Converse. At Colon Feb. 9. About to leave for Port au Prince.

VESEVIVUS, 4th rate, 3 guns, dynamite cruiser, Lt. Seaton Schroeder comdg. At New York Navy-yard.

**Squadron of Evolution.—Acting Rear Admiral John G. Walker.**

Address Galveston, Texas, until Feb. 5.

CHICAGO, flagship, 1st rate, 14 guns, Capt. H. B. Robeson. At New Orleans Feb. 10.

ATLANTA, 3d rate, 8 guns, Capt. John W. Philip. Left Portsmouth, Va., for Pensacola Feb. 12.

YORKTOWN, 3d rate, 6 guns. Commander F. E. Chadwick. At New Orleans Feb. 10.

BOSTON, 3d rate, 8 guns, Captain G. C. Wiltse. Left Navy-yard, New York, Feb. 12, to join the other vessels of the squadron at Pensacola.

DOLPHIN, 3d rate, 4 guns. Comdr. Yates Stirling. At New Orleans Feb. 10.

**S. Atl. Station.—Rear Admiral W. P. McCann.**

Mails for Tallapoosa and Essex should be addressed to the care of the U. S. Consul, Rio de Janeiro, Brazil, or care of B. F. Stevens, 4 Trafalgar Square, London, unless otherwise noted.

PENSACOLA, 3d rate, 16 guns flagship, Captain Albert Kautz. Ordered to Chili without delay. Sailed Feb. 1 for Valparaiso. Mail should be sent care of U. S. Consul, Panama, U. S. C.

TALLAPOOSA, 3d rate, 6 guns, Comdr. James M. Forsyth. At Buenos Ayres at last accounts.  
ESSEX, 3d rate, 6 guns, Comdr. A. S. Snow. Arrived at Montevideo, Uruguay, Nov. 24.

**Pacific Station.—Actg. Rear Adm. Geo. Brown.**  
Address all mail to Navy Pay Office, San Francisco, Cal., unless otherwise noted.

CHARLESTON, 3d rate, 10 guns, flagship, Capt. G. O. Remy. At Honolulu at last accounts.

INOQUOIS, 3d rate, 7 guns, Comdr. Joshua Bishop. At Pango Pango, Samoa Dec. 1.

MOHICAN, 3d rate, 10 guns, Commander E. M. Shepard. At Honolulu, H. I.

**Asiatic Station.—Rear Admiral G. E. Belknap.**  
Mails should be addressed, Yokohama, Japan, unless otherwise noted.

ALLIANCE, 3d rate, 6 guns, Commander Henry C. Taylor. At Yokohama, Japan, Jan. 26.

MONOCACY, 3d rate, 6 guns, Comdr. M. L. Johnson. At Shanghai, China, Jan. 8.

OMAHA, 3d rate, flagship, 12 guns, Captain B. J. Cromwell. Orders were issued by the Navy Department Jan. 22 for the Omaha to proceed to Panama with a view of reaching there in March. The vessel was at Shanghai, China, Jan. 26. Mails should be addressed in care of U. S. Consul, Panama, U. S. C.

PALOS, 4th rate, 7 howitzers. Lieut. Comdr. Joseph Marthon. At Tientsin, China, Jan. 26.

**Apprentice Training Squadron.**

JAMESTOWN, 12 guns, Comdr. B. P. Lamberton. Sailed from Norfolk, Va., Jan. 15 on her winter cruise in West Indies.  
PORTSMOUTH, 12 guns, Comdr. John Schouler. Reported to have sailed from Norfolk, Va., Jan. 15, for her winter cruise in West Indies. Arrived at Barbadoes Feb. 6.

Mails for above vessels should be sent by steamers leaving New York as follows: From Jan. 31 to March 3, inclusive, care of U. S. Consul, port of Spain, Trinidad; March 4 to April 10, inclusive, care of U. S. Consul, St. Thomas, W. I.; after the latter date to Fortress Monroe, Va.

RICHMOND, 3d rate, 14 guns, Captain O. F. Stanton. At Newport, R. I. (receiving ship for boys).

YANTIC, 3d rate, 4 guns, Comdr. Ohas. H. Rockwell. At Navy-yard, New York. It is rumored that she will be assigned to the Asiatic Station. Will cruise along the coast for derelicts as far South as Charleston, S. C.

MINNESOTA, 19 guns. Receiving ship for boys. Was towed from the Brooklyn Navy-yard, N. Y., to the North River, foot of West 26th st., Feb. 11.

## On Special Service.

## AND AWAITING ASSIGNMENT.

ALERT, 3d rate, 4 guns, Comdr. R. D. Hitchcock. At Mare Island yard. Will probably be assigned to Asiatic station. Extensive repairs having been found necessary to her hull, it is uncertain whether she will remain in commission.

BALTIMORE, 1st rate, 10 guns, Captain W. S. Schley. Ordered by the Department to proceed to Valparaiso at once. Mail should be sent care of U. S. Consul, Panama, U. S. C. Reported by cable to have sailed from Toulon, France, for Chili Feb. 11. Expected to arrive at latter place about March 15.

CUSHING, Torpedo Boat, Lieut. C. McR. Winslow. At Washington, D. C.

DESPATCH, 4th rate, Lieut. Wm. S. Cowles. At Washington Navy-yard at last reports.

FORTUNE, tug, Lieut. Comdr. A. J. Iverson. Vessel engaged in carrying freight between the several Navy-yards. At Portsmouth, N. H., last accounts, receiving repairs.

MARION, 3d rate, 8 guns, at Mare Island, Cal. Comdr. J. R. Bartlett ordered to command. Will

probably be ordered to Asiatic station. Repairs nearly completed. Will be ready for sea March 1.

MICHIGAN, 4th rate, 4 guns, (3 howitzers and 2 galleys). Commander Geo. H. Wadleigh. At Erie, Pa., where she will remain during the winter.

NEWARK, 1st rate, 12 guns, Capt. Silas Casey. Was put in commission at Cramp's shipbuilding yard Feb. 2, where she will be fitted for sea. The vessel is expected to join the Squadron of Evolution, and then make a cruise to Europe.

NEW HAMPSHIRE, 8 howitzers, Receiving Ship for boys. At New London, Ct., where she will remain during the winter.

PINTA, 4th rate, 4 howitzers. Lieut.-Comdr. O. W. Farenholt. At Sitka, Alaska.

RANGER, 3d rate, 1 gun. Comdr. Geo. E. Wingate. At Corinto, Nicaragua. Mail for this ship should be sent in care of Navy Pay Office, San Francisco.

SARATOGA, Comdr. F. M. Green, nautical school-ship of Pennsylvania. At Philadelphia. Was to leave some time this month on her winter's cruise.

ST. MARY'S, sails, 8 guns, Comdr. John McGowan, Jr. N. Y. Public Marine School. In the East River at foot of 31st street.

SAN FRANCISCO, 1st rate, 12 guns, Capt. Wm. T. Sampson. At Mare Island Navy-yard, where she will be fitted for sea without delay.

THEETIS, 3d rate, 3 machine guns, Lieut. Comdr. Charles H. Stockton. At Mare Island. Is being fitted out for surveying duty.

## Receiving Ships, Iron-Clads, Etc.

DALE, Comdr. Wm. Bainbridge-Hoff. Receiving Ship. Navy-yard, Washington, D. C.

FRANKLIN, 30 guns, Capt. John F. McGlenssey. Receiving ship. Navy-yard, Norfolk, Va.

INDEPENDENCE, 7 howitzers. Captain Byron Wilson. Receiving ship. Navy-yard, Mare Island, Cal.

PHLOX, Naval Academy tug. Mate B. G. Perry in command. Annapolis, Md.

ST. LOUIS, sails, Captain E. C. Merriman. Receiving ship. Navy-yard, League Island, Pa.

VERMONT, 1 gun. Capt. L. A. Beardslee. Receiving ship. Navy-yard, New York.

WARASH, 20 guns, Captain E. O. Matthews. Receiving ship. Navy-yard, Boston, Mass.

The armor-clad Ajax, Catfish, Canonicus, Lehigh, Mahopae, Manhattan and Wyandotte, in command of Comdr. J. D. Graham, are laid up near Richmond, Va. P. O. address, Richmond, Va.

The Monongahela, at Portsmouth, N. H., being repaired, will be ready for sea in a few weeks. She is to be the flagship of the training squadron. Comdr. J. H. Sands will command her.

Lancaster, 3d rate, 10 guns. The repairs to the vessel, now at the Navy-yard, Portsmouth, N. H., are about completed, and she will take the place of the Omaha on the Asiatic Station. Repairs to be completed March 1. Capt. H. B. Seely will be ordered to command her, and the vessel will leave shortly for the New York Navy-yard.

Minotomoh, 3d rate, 4 guns. At New York, Navy-yard. Almost ready for commission. Capt. M. Stord will command her, and her full complement of officers will shortly be ordered.

Concord, 3d rate, 6 guns. Expected to be put in commission at the New York Navy-yard Feb. 10. Commander O. A. Batcheller will command her.

## VARIOUS NAVAL ITEMS.

It is doubtful whether any bids will be received for the new torpedo cruiser. As it is said no ship builder in the country can build the vessel in question for the sum appropriated, \$350,000.

The Yantic, Commander Rockwell commanding, will leave New York this week for a cruise along the Atlantic Coast in search of eleven wrecks which will be destroyed in each case where there is danger to navigation.

SEAMLESS tubes of a true circular section of uniform thickness and perfectly homogeneous and practically of any length or diameter, are now produced by the electrical deposition of copper. This saves the necessity for brazing and the weakness in steam pipes that results from this overheating process.

The command of the Lancaster, one of the best and most comfortable of the ships of the U. S. Navy, goes to Capt. Seely, who is envied by many of his brother officers for the prize he has secured. It may seem strange but it is nevertheless true, that the majority of the Commanders prefer the old to the new ships as far as their own personal comfort is concerned. The Lancaster is to be fitted out at New York, where she will probably arrive from Portsmouth, N. H., during the coming week. The battery has been shipped from the Washington Navy Yard, and unless some unexpected delays occur she should be underway for China within 30 days.

A LETTER received by the Baltimore Sun from the U. S. S. Pensacola, from Montevideo, Uruguay, gives an account of the loss of three men of the crew. They were William Saults of Baltimore, apprentice; Olaf Johnson, coxswain, and John Worth, seaman. The account says that the Pensacola was at Maldonado, sixty miles below Montevideo, for target practice on Dec. 21. The first whaleboat was sent in for officers on shore in charge of Naval Cadet Snow and six men. In making a landing the boat was upset in the heavy surf and the three men were drowned. The bodies were recovered and buried on the island of Maldonado, in the River Platte, with naval honors. The letter also states that the old Tallapoosa is at Buenos Ayres with a broken shaft.

ADVISED from Port au Prince, Hayti, Jan. 25, where the U. S. S. Philadelphia, arrived Jan. 25, announced that during her trip to that place from New York, the sea going qualities of the vessel received a good test in a moderate gale. A eleven knots it is said—"the water, striking the bows and the ash chutes on the ship's sides, poured such a deluge of spray upon the spar deck that it was flooded from the topgallant forecastle to the poop. The ship pitched heavily. The average roll was from eight to ten degrees each way. The maximum roll observed was seventeen degrees. Consequently, the

engines were slowed, and the ship at seven knots was comparatively dry and fairly comfortable. She maintained a speed of over thirteen knots with two of her boilers on a coal consumption of thirty-five tons daily. With three boilers and a consumption of fifty-five tons of coal a speed of over fourteen knots was easily kept up. The officers and crew are said to be very much delighted with the ship."

ENGINEERING experts report to the Committee of Lloyd's Register that the compasses on board ship are seriously affected by the electricity from the dynamos used in electric lighting and by the magnetism induced by them in adjacent masses of iron. There is also considerable risk from fire. Valuable suggestions for remedying the difficulty are made.

An English engineer explains that the breaking down of admiralty engines is due to the necessity of following politics rather than engineering ability and experience in distributing their work. He says: "It is true a lot of unnecessary weight is still thrown on board of modern ships by old-fashioned heavy fittings, which could, with much more advantage, be applied in the machinery; but surely this is only a passing negligence which soon could be remedied if any pressure was brought to bear in this respect on the officials responsible for such blunders. Nobody really conversant with the question can deny that within the limits allowed by the admiralty almost always some very successful job can be constructed."

THE Electric World in its issues for Jan. 31 and Feb. 7 has an illustrated description by Lieut. Hamilton Hutchins, U. S. N., of the electrical equipments of our squadron of evolution. He gives a full description of the lighting plant, search light plant, gun-firing system, diving lamp, telephone outfit, range finder, night signals, bell circuits, electric motors and torpedoes of the flagship Chicago, with a briefer account of the equipment of the Boston and Yorktown. The amount of applied electricity on board the Chicago far exceeds that of the other vessels. At the end he considers briefly the subject, now under investigation in England, of the effect upon the compasses of the dynamos. He says: "A deviation of the compass of only one or two degrees, due to the dynamos, is of considerable importance with vessels of high speed, and this amount of deviation is not infrequent." Concerning the vessels of the White Squadron, Lieut. Hutchins says: "Although it was somewhat embarrassing to drop into the midst of a fleet of English modern men-of-war (armored cruisers) while in the Mediterranean, still our unarmored vessels were very favorably commented upon abroad, particularly as regards appearance and completeness."

## NAVY GAZETTE.

## Ordered.

FEB. 7.—P. A. Surgeon H. B. Fitts to duty at the Hot Springs, Ark.

FEB. 9.—Assistant Surgeon W. F. Arnold to the receiving ship Vermont.

Gunner Andrew Harmon to the receiving ship Minnesota.

FEB. 11.—Captain Henry B. Seely to hold himself in readiness to command the Lancaster.

FEB. 13.—P. A. Engineer Richard Inch ordered to duty in connection with the fitting out of the Lancaster.

## Detached.

FEB. 7.—P. A. Surgeon E. W. Anzal from the Boston and ordered to hold himself in readiness for orders to the Lancaster.

P. A. Surgeon T. C. Craig from the Vesuvius and ordered to the Boston.

Assistant Surgeon W. C. Braisted from duty at the Hot Spring, Ark., and ordered to the Vesuvius.

Assistant Surgeon N. J. Blockwood from the receiving ship Vermont and ordered to the Newark.

Gunner John R. Grainger from duty at the Standard Steel Co., Thurlow, Pa., and placed on waiting orders.

## MARINE CORPS.

FEB. 10.—Colonel C. D. Hebb turned over the command of the U. S. Marine Corps to Colonel Commandant Charles Heywood, and was ordered to proceed to Boston to command the marines at the navy-yard there.

FEB. 11.—Captain E. P. Meeker, detached from Marine Barracks and ordered to duty in charge of the Marine Recruiting Office there.

1st Lieutenant Charles A. Doyen, detached from the Marine Barracks, Mare Island, Cal., and ordered to the San Francisco.

1st Lieutenant Richard Wallach, detached from the San Francisco, and detailed to command the marine guard of Lancaster.

2d Lieutenant C. L. A. Ingate, detached from the Marine Barracks, Boston, Mass., and ordered to Marine Barracks, Navy-yard, League Island.

1st Lieutenant G. R. Benson's orders of Jan. 20, detaching him from Brooklyn Barracks and ordering him to duty at League Island, revoked, and he will remain at Brooklyn.

## Nominations.

Nominations sent to the Senate Feb. 12: Lieutenant Charles C. Rogers, junior grade, to be lieutenant.

Ensigns Henry S. Chase and John Hood to be lieutenants, junior grade.

## REVENUE MARINE.

3d Lieut. J. H. Quinn, Revenue Marine Service, has been detached from the Corwin and assigned to the Rush at San Francisco.

3d Lieut. D. H. Jarvis, Revenue Marine Service, has been detached from the Rush and granted a leave of absence.

LIEUTENANT-COMMANDER GEORGE C. REITER, U. S. Navy, registered at the St. James Hotel, New York City, on Thursday.

LIEUTENANTS FINLEY, Day, Mitchell and Ellis, late of the Signal Corps and now of the infantry, are to remain for the present on signal duty.

**BLACK, STARR & FROST.**

SUCCESSORS TO

**BALL, BLACK & CO.**

Fifth Avenue, Cor. 28th Street.

DIAMONDS, AMERICAN AND FOREIGN, WATCHES, JEWELRY, STERLING SILVER AND PLATED WARE, CLOCKS, BRONZES AND FANCY GOODS. Will give SPECIAL ATTENTION to ALL ORDERS BY MAIL; also FOR GOODS OUTSIDE OF OUR LINE.

BLACK, STARR & FROST have models of the West Point Class Rings for many years, and can supply duplicates (in case of loss) at short notice.

**Fine Wines, Havana Cigars, Fancy Groceries.**

**ROKER MERRALL & CONDIT**  
17th STREET & 6th AVE.; BROADWAY & 42d STREET,  
130 Chambers St., New York.  
Orders by Mail will receive prompt attention.

**H. B. KIRK & CO.**

CAN SUPPLY

For the Sick-Room,  
For Grand Dinners

For Family Use  
**RELIABLE WINES AND LIQUORS**  
THAT ARE WELL MATURED. ALSO MEDIUM AGES.  
Sole Agents for the PLEASANT VALLEY WINE CO.  
Sole Agents for the INGLENOOK WINES, NAPA, CAL.  
Bottled only at the Vineyard. Well matured wines.  
No other House can furnish "OLD CROW RYE."  
We sell no imitation or compounded goods.  
90 FULTON STREET. 9 WARREN STREET,  
BROADWAY AND 27th ST. ESTABLISHED 1853.

**MT. DE CHANTAL,**

Near Wheeling, W. Va.

[UNDER THE CARE OF THE SISTERS OF THE VISITATION  
B. V. M.]

FULL ENGLISH, MATHEMATICAL AND  
CLASSICAL COURSE

Musical Department especially noted.

LOCATION UNSURPASSED FOR BEAUTY AND HEALTH.

For Catalogue and references to Officers of the Army and  
patrons in all the principal cities, address

THE DIRECTRESS.

**KEEP'S SHIRTS**

MADE TO MEASURE, 6 FOR \$9.00.

None better at any price. These shirts have won their way into nearly every town and city of the Union by their superior fit, style, workmanship and durability. We have everything pertaining to MEN'S FURNISHING GOODS, and the largest establishment of this kind in New York. Send for catalogue. Established 25 years.

**KEEP MANUFACTURING CO.**

80 and 811 BROADWAY, New York.  
Branch Store: 114 TREMONT ST., Boston.

**SLOAN'S SHIRTS**

ARE WITHOUT A DOUBT THE BEST SHIRTS MADE for the price, as THOUSANDS OF TESTIMONIALS from ARMY AND NAVY OFFICERS will prove them to have worn and given better satisfaction than any other shirt they had ever purchased. Catalogue and samples mailed free.

**SLOAN MANUFACTURING CO.**

7th BROADWAY, N. Y.

**CALIFORNIA VINTAGE CO.**

21-23rd Place, N.Y.

GEO. HAMLIN, Prest.

F. P. MILLS, Treas.

CHOICEST OLD CLARETS, WHITE WINES, &c.  
Send for Price-List.

**DRY STEAM**

Always obtained from our improved vertical boiler.

"Perfect circulation and dry steam."—Prof. R. H. Thurston. "Would not do without your improvement in a boat boiler."—Herman Westinghouse.

**B. W. PAYNE & SONS, Elmira, N. Y.**(Est. 1853.) **F. W. DEVOE & CO.,** 101 FULTON ST., NEW YORK.**ARTISTS' MATERIALS**

OF EVERY DESCRIPTION.

Illustrated Catalogues on request. Correspondence invited  
**COFFIN DEVOE & CO. 176 Randolph St. CHICAGO.**

**C. A. CAPPA'S**

7th Regiment Military Band of Sixty Pieces  
and Orchestra

Furnish Music for all occasions.  
25 UNION SQUARE, New York City.

**EQUITABLE  
MORTGAGE COMPANY.**

Condensed Statement, June 30, 1890:

CAPITAL SUBSCRIBED.....	\$2,000,000.00
PAID IN (CASH).....	1,000,000.00
SURPLUS AND UNDIVIDED PROFITS.....	206,716.85
ASSETS.....	11,108,625.04

The well-known firm of accountants, Barrow, Wade, Guthrie & Co., of London, Manchester and New York, upon auditing the accounts of the Company as published June 30th, 1890, appended thereto the following certificate:

Having examined the books of the Equitable Mortgage Company, we hereby certify that the foregoing accounts and statement are in conformity therewith, and we believe that the accounts fully and fairly represent the position of the Company as on the 30th June, 1890.

**BARROW, WADE, GUTHRIE & CO.**

NEW YORK, 16th Oct., 1890.

6 PER CENT. BONDS AND DEBENTURES,  
4 1/2 AND 5 PER CENT. CERTIFICATES, RUNNING  
THREE MONTHS TO TWO YEARS.  
ALL FIRST-CLASS INVESTMENT SECURITIES  
BOUGHT AND SOLD.

**Offices:**

New York, 208 Broadway.	London, England.
Phila., 4th and Chestnut St.	Berlin, Germany.
Boston, 117 Devonshire St.	Kansas City, Missouri.

**WANTED—**

THE FOLLOWING MUSICIANS FOR THE 22d INF'Y  
Band: one B flat Cornet, one Alto, one Trombone, one  
Baritone. Address  
ADJUTANT, 22d Infantry, Fort Keogh, Mont.

**WANTED—TO CORRESPOND WITH SOME ARMY**  
Officer desirous of taking an extended horse-back  
trip through Mexico. Address "R. T.," care of ARMY AND  
NAVY JOURNAL.

**Paintings and Drawings by the late****ROBERT W. WEIR, N. A.,**

Formerly of WEST POINT.

and his Collection of Engravings, Etchings, and Illustrated  
Books, will be sold at auction,

THURSDAY, FRIDAY, AND SATURDAY,

FEBRUARY 19TH, 20TH, AND 21ST, AT THE

**FIFTH AVENUE ART GALLERIES,**

366 FIFTH AV., near 34th St.

H. & H. W. CATHERWOOD, PHILA. WHISKEYS.  
Have a world wide reputation for purity.

**ARMY AND NAVY JOURNAL.**

PUBLISHED EVERY SATURDAY.

(ESTABLISHED 1863.)

NEW YORK, SATURDAY, FEBRUARY 14, 1891.

Office No. 240 Broadway, New York.

No attention is paid to anonymous communications, but  
the wishes of contributors as to the use of their names will  
be scrupulously regarded.

Subscriptions, \$6 a year, and pro rata for a less period. In  
clubs of five, \$4; clubs of ten or more, \$3. Subscriptions  
may be made through the Purchasing Department of the  
American Express Company at any place where that Com-  
pany has an agency. Agents will give a money order  
receipt for subscriptions, and will forward the money order  
attached to an order to send the paper for any stated time,  
free of any charge, except the usual fee for issuing the  
order.

Postage within the United States prepaid. Foreign post-  
age, \$1.00 per annum, should be added to the subscription  
price.

Remittances should be made by express money order,  
post-office order, check, or draft, made payable to W. C.  
and F. P. Church. Postmasters are obliged to register  
letters if requested. No responsibility is assumed for sub-  
scriptions paid to agents, and it is best to remit direct to the  
office.

The date when the subscription expires is on the Address.  
Label of each paper, the change of which to a subsequent  
date becomes a receipt for remittance. No other receipt is  
sent unless requested.

Change of address will be made as frequently as desired,  
upon notification; not otherwise, as the changes announced  
in the orders published in the JOURNAL furnish no author-  
ity for changing the address of the paper. Both the old and  
new address should be given.

We should be very glad to learn from any of our subscrib-  
ers of any delay or failure to receive the JOURNAL, so that  
we may give the matter our immediate attention.

W. C. and F. P. CHURCH, Proprietors,

Cable address: 240 Broadway, New York.

ARMYNAVY.

A CORRESPONDENT quotes the statement of Col.  
Dodge in his book on the Indians that the necessity  
for the winter exposure of troops in the field ought  
to be very apparent, and especially for their expo-  
sure in such a climate as that of blizzard Dakota.  
Col. Guy V. Henry, who with his 9th Troopers is now  
having this experience, suffers to this day from the  
results of a previous exposure, and we hope that  
events will speedily relieve him from the necessity  
which should not be prolonged one minute to the  
discomfort of this veteran, whose cheerful perform-  
ance of arduous duty does not seem to lessen with  
years. As we first met Col. Henry in the early days  
of the war, now nearly a generation past, we fear  
that he is not so young as he feels.

**GENERAL SHERMAN AND ADMIRAL PORTER.**

GENERAL SHERMAN was taken ill with a cold last week, and erysipelas appearing on Sunday, accom-  
panied with much fever, his condition became  
alarming on Monday, and his relatives were sum-  
moned to his bedside. On Tuesday his symptoms  
were more favorable. On Wednesday evening grave  
doubts as to his possible recovery arose. On  
Thursday afternoon his son sent out a bulletin  
with the sad report that "father is growing rapidly  
worse. It appears to be only a question of hours."  
On Friday, as we went to press, the outlook was  
more hopeful, the bulletin being that the General's  
condition was improved, and that if the improve-  
ment lasted 24 hours his chances were good. His  
constitution has borne the terrible strain on a  
man of his years with wonderful endurance. That  
it may carry him through will be the prayer of all  
his comrades in arms and of every citizen of the Re-  
public.

Information as to the death of Admiral Porter at  
Washington on Friday morning comes to us too  
late for the extended comment which the occur-  
rence of an event so sad and so important makes  
necessary. The Admiral of the Navy died in his  
seventy-eighth year, and, therefore, had reached  
the ripe age when his further lease of life was ne-  
cessarily short. The immediate cause of his death  
was an affection of the heart, and for some time  
past it had been feared that his end was near. As  
he was an officer on the active list, occupying the  
same relative position held by Gen. Sheridan at his  
decease, the precedent for the action of the Gov-  
ernment established in that case will be followed  
in this.

**PROMOTION FOR ALL.**

Two years ago the suggestion was made in the  
JOURNAL, and for the first time, that room should  
be made for the retirement of Army officers no lon-  
ger fitted for the active list, by the transfer from  
the limited to the unlimited list of all who had  
reached the age of 61 since retirement. Recent ex-  
perience has shown how imperative is the necessity  
that our little Army should be composed of officers  
fitted for instant service, and our liberal retire-  
ment laws make this possible without serious hard-  
ship if they are not restricted in their natural opera-  
tions. Our views on this subject have finally prevailed  
and the bill for opening the limited retirement list  
was finally passed by the House on Tuesday, thanks to  
the skillful management and popularity of Gen.  
Cutcheon. Having previously passed the Senate,  
through the efforts of Gen. Hawley, it now only  
needs the signature of the President to become a  
law, which it will undoubtedly receive, for the  
measure has had the active support of Secretary  
Proctor.

Few have realized the full purport of this meas-  
ure. It is really the most important law affecting  
the personnel of the Army that has been passed  
since the enactment of the age retirement law. It  
will do much to relieve stagnation in promotion, in  
all branches of the Service.

The immediate effect will be to transfer 96 officers  
from the limited to the unlimited list. As the  
former list is now eight short of 400 these transfers  
will operate to make 54 vacancies on the new lim-  
ited list which, by the act, is placed at 350. Fifty-  
four retirements can thus be made at once, and as  
there are ten more officers on the limited list who  
will shortly become eligible for transfer to the un-  
limited, by reason of reaching 61 years of age, the  
retirement of every one of the following officers—59  
in all—who have been found incapacitated by retir-  
ing officers, will follow within a very few weeks.  
These retirements will also open the way for the  
promotion and retirement of about ten more officers  
who failed physically before promotion boards, and  
can be retired, regardless of the number on the lim-  
ited list, whenever the way is opened for their pro-  
motion. This will effect, in the matter of promo-  
tion, every branch, staff and line, as will be seen  
from the list of "found" officers given below. Here-  
after, the Department will, probably, be able to re-  
tire every disabled officer as soon as he is so re-  
ported by a retiring board.

In the JOURNAL of Oct. 4, 1890, p. 89, we published  
a list of Army officers awaiting retirement. There

have since been some changes in the line officers, the list now being as follows:

**Artillery**—1st Lieut. Rice, 1st, and Massey, 5th; 2d Lieut. Procter, 5th.  
**Cavalry**—Capt. Upham, 1st; Elting and King, 3d; Martin, 4th; Hanna, 6th; Perrine, 8th; Ropes and Phelps, 9th; Conline, 9th; 1st Lieut. Converse, 31; Patch, 4th; Welborn and Paddock, 5th; Slocum, 7th; Lester, 8th; Burnett, 9th.  
**Infantry**—Capt. Parker, 1st; Lott and Roe, 11th; Norvell, 12th; Stafford, 15th; Hale and Clapp, 16th; Miller, 18th; Maize, 25th; Rheim, 21st; Stivers, 25th. 1st Lieut. Earle, 2d; Young, Chase and Merriam, 4th; Logan, 5th; Craft, 6th; Woodbridge, 7th; Lynch, 8th; Dougherty and Wheeler, 11th; Tyler, 13th; Mulhall, 14th; Spencer and Payne, 19th; Tilton and Cushman, 20th; Farrow, 21st; Tully, 25th, and 2d Lieut. Towlsley, 2d.

The following are officers at present on the limited list who are now over 64 years of age, viz.: Generals Sickles, 66; Robinson, 73; Wood, 67; Sweeney, 71; Brice, 84; Cooke, 82; Holt, 83; Townsend, 73; Meigs, 74; Brown, 72; Rucker, 76. Colonels Day, 86; Walker, 71; Carrington, 67; Shepherd, 75; Graham, 76; Starr, 80; Kilpatrick, 65; McNutt, 63; Granger, 75; Cullum, 82; Bomford, 79; Whiteley, 81; Doubleday, 72; Brooks, 76; Reynolds, 69; Roberts, 76; Pitcher, 66; de Trobriand, 74; Floyd-Jones, 66; Palmer, 67; Gregg, 64; Oakes, 64; Schriver, 78; Van Vliet, 73; Smith, 74; Crittenden, 72; Hagner, 75; Haller, 72; Flint, 70; Brannan, 71; Kilburn, 70; Royall, 66. Professors—Bartlett, 86; Kendrick, 79; Lieut.-Colonels—Whiting, 82; Woodruff, 73; Gibson, 71; Hayman, 70; Montgomery, 79; Boates, 81; Stewart, 69; Prince, 79. Majors—Judd, 72; Austine, 76; Edgar, 69. McArthur, 65; Prince, 74; Tracy, 72; Clarke, Jr., 65; Hudson, 64; Morris, 67; Burbank, 68; Seymour, 66; Walker, 68; Dunn, 68; Robertson, 73; Nugent, 66; Hambricht, 72; Belger, 74; Eaton, 75. Captains—Tidball, 66; Symmes, 66; Garland, 68; Churchill, 66; Drake, 70; Hendershott, 69; Orone, 64; Niles, 74; Thompson, 77; Clarke, 75; Stewart, 64; McCleave, 68; Whipple, 65; Badger, 64. 1st Lieutenants—Allworth, 65; Jennings, 72; Briggs, 65. 2d Lieutenants—Moore, 90. Chaplains—Gilmore, 78; Van Wyck, 69; Collins, 73; Kelley, 73; Van Horne, 69. Of the 392 officers now on the limited retired list 121 will, if they live, be transferred to the unlimited list during the present century, besides the 95 already eligible, viz., nine in 1891, six in 1892, eight in 1893, seven in 1894, eighteen in 1895, eight in 1896, fourteen in 1897, twelve in 1898, twenty-three in 1899 and sixteen in 1900.

The following is the text of the bill as finally passed:

That when officers who have been placed on the limited retired list as established by Sec. 7, chapter 263, page 180, volume 20, U. S. Statutes at Large, shall have attained the age of 64 years they shall be transferred from said limited retired list to the unlimited list of officers retired by operation of law because of having attained said age of 64 years. And the limited retired list shall hereafter consist of 350 instead of 400, as now fixed by law: *Provided*, That officers who have been placed on the retired list by special authority of Congress shall not form part of the limited retired list established by this act.

#### THE CASE OF GENERAL FORSYTH.

THE Army has now been waiting patiently for several weeks to hear the result of the accusations against General "Tory" Forsyth and the 7th Cavalry. It is understood that this delay has been due in great measure to the care with which the investigation has been conducted by Colonel Kent and Captain Baldwin. Those officers are to be congratulated, if such be the case, for a more difficult or undesirable task could not well fall to any officer. It appears from a letter we published last week that a second investigation, growing out of the Mission or White Clay Creek fight, has also been going on, and it is understood that a second set of accusations has been made against General Forsyth and the 7th Cavalry for the part taken by them in that affair. These accusations are said to reflect on the dispositions of General Forsyth on the march and in the fight, which, it is claimed, were not in accordance with recognized rules of tactics, and that consequently the regiment was placed in great peril from which it was happily extricated by the 9th Cavalry. Colonel Henry, in a note to General Forsyth, published some time ago, disclaims any such credit, and the declaration of that officer may be taken as conclusive.

It would seem that General Forsyth's dispositions and conduct should be judged by Indian operations as they have been carried on by the Army during the past 30 years, rather than by the refined and

established rules of civilized warfare, and that he and his regiment are entitled to the consideration shown others. With the exception of the Ochieu massacre of 1883, this is the first time, it is believed, in the history of the Army since the war of the Rebellion, that the military dispositions of officers engaged against Indians, either in battle, pursuit, or retreat, have been made the subject of official accusation and investigation by the commanding general of a department or division, unless a charge of cowardice was connected therewith.

This is not extraordinary if we consider the circumstances under which Indian operations have been carried on, and the bent of eastern philanthropists, not a few of whom, crazed by their fanaticism, have exulted over the death of any soldier who has been killed by Indians during the past 25 years, and who have even been ready to condemn the Army. In the judgment of such the Army has always played a criminal part, the assumption being apparent that a life of exposure and separation from friends, and the chances of a death by torture, were nothing as compared with the delights of shooting and capturing a few Indians. Against such idiotic sentiments, and the aesthetic military criticisms of the War Department more or less affected at all times by political considerations, department and division commanders with scarcely an exception, have interposed a shield of sound common sense, common experience, a correct appreciation of the officers and enlisted soldiers of our Army, and of human nature generally.

To have taken any other course would have been supreme folly, resulting in the destruction of the morale of the troops, which between such a cross fire must have perished. Had commanding generals been fault-finding critics, Gen. Forsyth would not have been the first victim. Indian operations have illustrated in a majority of cases a general but necessary disregard, not only of the precautions usually observed in war, but of the commonly accepted rules of battle, and in them there has been a reckless disregard of life.

Such lapses of skill on the part of soldiers, as have been incident to Indian warfare, cannot be judged ordinarily by any known system of military rules and should be overlooked. Just how Gen. Miles, Crook, Custer, Howard, Gibbon, Mackenzie, Carr, and many others would have appeared under accusations similar to those made against Gen. Forsyth and the 7th Cavalry can be easily imagined. To be surrounded and cut off, a wagon train captured, a herd stampeded and lost, and to engage the Indians with a force so small as to invite destruction, have been common in all Indian campaigns, but not more common than charging and shooting into villages, where squaws, as well as bucks, were generally killed. Certainly such incidents have ever been matters of grave concern to the authorities, civil and military, but they have not made use of them, officially, against those concerned in or responsible for them. In this there has been something more than good luck, or the indifference of those in command to mistakes, and to a loss of life which, on some occasions, seemed unnecessary. As if by common consent there has been established what may be called a rule of exemption, under which strict military accountability has never been demanded, and which, like all practical rules, was founded in the very necessities of the Service, and is, therefore, the only fair rule to apply now.

Under this rule, which seems to have been generally followed, the Army, without achieving much renown, has been largely protected against calumny and recrimination, and until this late day has had cause to feel, throughout all its grades, that no matter what the enterprise it was to be undertaken, no blasting of reputations honestly and previously established, would follow a gallant and faithful discharge of duty, even though mistakes might be made. To pin the Army down and cause it to feel that every operation against Indians, not conducted in accordance with the prescriptions of book-writers, or the views of some one in authority, would be followed by censure and an investigation, would result in its total demoralization. The enterprise, dash and daring which have been so conspicuous would give way to fear of consequences, and the time wasted in weighing probabilities and making dispositions, by men fearful of

their military reputation, would be profitably employed by the Indians in taking scalps, or in the innocent amusement of torturing prisoners and ravishing women.

"People who live in glass houses should not throw stones," and Indian fighters who sit in official judgment on each other would do well to remember this wise aphorism lest they set on foot an investigation which will include them all. Such an investigation would no doubt judge the Indian operations of General Forsyth and the 7th Cavalry by all previous Indian operations, including the methods observed by General Miles in less prosperous times. When the history is complete let the devil take the hindmost in public regard. Meanwhile we need not forget that in the recent affairs of Wounded Knee and White Clay Creek the bloody Sioux received at the hands of General Forsyth and the 7th Cavalry the only sound thrashing they had and in consequence of which they were no doubt made to feel that the path of peace, strewn with rations and annuities, is better than the war-path.

Since the above was written we have received the official report upon the case of Colonel Forsyth, as contained in the endorsements on the record of the court of inquiry:

#### 1ST ENDORSEMENT.

HEADQUARTERS, DIVISION OF THE MISSOURI,  
CHICAGO, ILLINOIS, January 31st, 1891.

Respectfully forwarded to the Adjutant General of the Army.

In disposing of this matter it has been desired to treat Colonel Forsyth with the utmost consideration, but as it is important to the best interests of the service that skill and heroism should be rewarded, so also is it important that incompetency and neglect when found, should not pass unnoticed. It would be utterly subversive of military discipline to overlook a neglect and disregard of warnings and orders on the part of an officer, particularly when such neglect and disregard may have involved the lives of brave men and jeopardized the success of the military operations in hand.

Certain features of the affair at Wounded Knee were so unusual and extraordinary, and such injurious reports were current immediately thereafter, as to imperatively demand an investigation in order to ascertain and record as accurately as possible all the facts, so that an intelligent opinion might guide in the bestowal of commendation or censure. The testimony elicited shows the following facts, 1st: That Colonel Forsyth had received repeated warnings as to the desperate and deceitful character of Big Foot's Band of Indians, and repeated orders as to the exercise of constant vigilance to guard against surprise or disaster under all circumstances.

Secondly, That these warnings and orders were unheeded and disregarded by Col. Forsyth, who seemed to consider an outbreak of the Indians as being beyond the pale of possibility in the presence of the large force of troops at hand. The disasters that have occurred to our troops in the past from the desperation of the Indian nature are known to all who are familiar with our history. In addition to this it was well known, and Col. Forsyth had been warned, that this particular band contained many of the most desperate and deceitful characters in the Sioux nation, and that a religious excitement nearly approaching frenzy had made them peculiarly dangerous. Under these circumstances the apparent indifference and security of the officer in command of the troops at Wounded Knee Creek is incomprehensible and inexcusable.

Thirdly, An examination of the accompanying map and testimony shows conclusively that at the beginning of the outbreak not a single company of the troops was so disposed as to deliver its fire upon the warriors without endangering the lives of some of their own comrades. It is in fact difficult to conceive how a worse disposition of the troops could have been made. It will be noticed that it would have been perfectly practicable for the entire command of upwards of 400 men to have been placed between the warriors and the women and children with their backs to the latter and their faces towards the warriors, where they might have used their weapons effectively if required. The testimony goes to show that most of the troops were forced to withhold their fire, leaving the brunt of the affair to fall upon two companies until such warriors as had not been killed broke through or overpowered the small force directly about them, and reached the camp occupied by their women and children.

The battery of four Hotchkiss guns had until then been useless, the friction primers having been removed from the guns by order of the captain commanding the battery lest the gunners might in their excitement discharge the pieces and destroy their own comrades. These guns were opened upon the Indian camp, even at that time placing in peril Troops C and D, 7th Cavalry, which were obliged to retreat for some distance owing to the fire from these guns and from the small arms of other portions of the command. The fact that a large number of the 108 warriors were without firearms when the outbreak occurred, is shown by the evidence that 48 guns had been taken from the tepees, and that a personal search of 20 or more warriors resulted in finding them unarmed. This fact taken in connection with the extremely injudicious disposition of the troops, and the large number of casualties among them, constrains the belief that some of these casualties were suffered at the hands of our own men. The fatal disposition of the troops was such as at the outset to counteract in great measure the immense disparity of strength, and would have been inexcusable in the face of an armed and desperate foe even had no special warnings and orders been received from higher authority. I can only partially account for the singular apathy and neglect of Col. Forsyth upon the theory of his indifference to and contempt for the repeated and urgent warnings and orders received by him from the Division Commander, or by his incompetence and entire inexperience in the responsibility of exercising command where judgment and discretion are required.

I also forward herewith report of Captain Frank D. Baldwin, 5th Inf., concerning the finding of the bodies of a party of women and children about three miles from the scene of the engagement on Wounded Knee Creek. This report indicates the nature of some of the results of that unfortunate affair, results which are viewed with the strongest disapproval by the undersigned.

NELSON A. MILES,  
Major-General, Commanding.

#### 2D ENDORSEMENT.

HEADQUARTERS OF THE ARMY,  
WASHINGTON, February 4, 1891.

Respectfully submitted to the Secretary of War. The interests of the military service do not, in my judgment, demand any further proceedings in this case, nor any longer continuance of Colonel Forsyth's suspension from the command of his regiment. The evidence in these papers shows that great care was taken by the officers and generally by the enlisted men to avoid unnecessary killing of In-

dian women and children in the affair at Wounded Knee, and shows that the conduct of the 7th Cavalry under very trying circumstances was characterized by excellent discipline, and in many cases, by great forbearance. In my judgment the conduct of the regiment was well worthy of the commendation bestowed upon it by me in my first telegram after the engagement.

J. M. SCHOFIELD,  
Major-General, Commanding.

WAR DEPARTMENT, OFFICE OF THE SECRETARY,  
WASHINGTON, Feb. 13th, 1891.

Respectfully returned to the Major General Commanding:

From the testimony taken by Major Kent and Captain Baldwin, two officers of General Miles' Staff, ordered by him to investigate the fight at Wounded Knee, it appears that before the action Big Foot's band had been joined by Sitting Bull's following, and these bands embraced the most fanatical and desperate element among the Sioux. They surrendered because of the necessities of their situation rather than from a submissive spirit. It was the sullen and unwilling yielding of a band of savage fanatics, who were overmatched and out of food, to superior force. It was not in good faith on the part of the younger braves, at least, but yet not with any definite prearranged plan of treachery.

The surrender was made to Major Whiteside, Commanding the First Battalion of the 7th Cavalry, on the afternoon of Dec. 23. Colonel Forsyth was ordered up to his support and arrived at 8.45, that evening.

It was manifestly an imperative necessity to prevent the escape of any of these desperadoes during the process of disarming, or as a consequence of the attempt to disarm them, for such escape would probably have resulted in a destructive raid upon the settlements. The troops appear to have been well disposed to prevent an outbreak which was not and could hardly have been anticipated by any one, under the circumstances, even in dealing with Indians, and the dispositions made appear to have had the desired effect of convincing at least a majority of the Indians of the futility of any attempt to escape. If treachery was premeditated by any of the Indians, which seems extremely improbable, the majority of them were deterred from attempting to execute it, until incited by the speech of the ghost dancer.

The disarmament was commenced, and it was evident that the Indians were sullenly trying to evade the order. To carry out this order the men had been ordered out from their camp, to separate them from their women and children, and were formed about a hundred yards away, and Troops K and B were posted midway between them and their tepees. When ordered to surrender their arms they produced two broken carbines and stated that was all they had, but when the partial search of the tepees was made before the firing commenced, about 40 arms were found, the squaws making every effort to conceal the same by hiding and sitting on them, and in various other ways evincing a most sullen men. The disarmament was much more thorough than they expected, and when they found that the arms were to be taken from their tepees, and those they had concealed under their blankets were to be taken away also, they were carried away by the harangue of the ghost dancer, and, wheeling about, opened fire. Nothing illustrates the madness of their outbreak more forcibly than the fact that their first fire was so directed that every shot that did not hit a soldier must have gone through their own village. There is little doubt that the first killing of women and children was by this first fire of the Indians themselves. They then made a rush to break through and around the flanks of Troop K, commanded by the gallant Captain Wallace, and reached their tepees, where many of them had left their arms with the squaws, and they continued the firing from among their own women and children, and when they started from their camp, their women and children were mingled with them.

The women and children were never away from the immediate company of the men after the latter broke from the circle. Many of them, men and women, got on their ponies, and it is impossible to distinguish back from squaw at a little distance when mounted. The men fired from among the women and children in their retreat. Cautions were repeatedly given, both by officers and non-commissioned officers, not to shoot squaws or children, and men were cautioned individually that such and such Indians were squaws. The firing by the troops was entirely directed on the men in the circle and in a direction opposite from the tepees until the Indians, after their break, mingled with their women and children, thus exposing them to the fire of the troops, and, as a consequence, some were unavoidably killed and wounded, a fact which was universally regretted by the officers and men of the 7th Cavalry. This unfortunate phase of the affair grew out of circumstances for which the Indians themselves were entirely responsible. Maj. Whiteside emphatically declares that at least 50 shots were fired by the Indians before the troops returned the fire. Several special instances of humanity in the saving of women and children were noted.

That it resulted in the loss of the lives of many good soldiers and the wounding of many others, as well as the almost total destruction of the Indian warriors, was one of the inevitable consequences of such acts of insane desperation.

The bodies of an Indian woman and three children, who had been shot down three miles from Wounded Knee, were found some days after the battle and buried by Capt. Baldwin, 5th Inf., on Jan. 21, but it does not appear that this killing had any connection with the fight at Wounded Knee, nor that Col. Forsyth is in any way responsible for it. Necessary orders will be given to insure a thorough investigation of the transaction and the prompt punishment of the criminals.

No doubt the position of the troops made it necessary for some of them to withhold their fire for a time in order that they might not endanger the lives of their comrades, but both Major Kent and Capt. Baldwin concur in finding that the evidence "fails to establish that a single man of Col. Forsyth's command was killed or wounded by his fellows." This fact, and, indeed, the conduct of both officers and men through the whole affair demonstrates an exceedingly satisfactory state of discipline in the 7th Cavalry. Their behavior was characterized by skill, coolness, discretion and forbearance, and reflects the highest possible credit upon the regiment, which sustained a loss of one officer

and 24 enlisted men killed, and two officers and 21 enlisted men wounded.

The situation at Wounded Knee Creek was a very unusual and a very difficult one, far more difficult than that involved in an ordinary battle, where the only question is of gaining a victory without an effort to save the lives of the enemy. It is easy to make plans when we look backward, but in the light of actual conditions, as they appeared to the commanding officer, there does not seem to be anything in the arrangement of the troops requiring adverse criticism on the part of the Department.

I therefore approve of the endorsement of the Major-General Commanding, that the interests of the military service do not demand any further proceedings in this case. By direction of the President, Col. Forsyth will resume the command of his regiment.

REDFIELD PROCTOR, Secretary of War.

#### THE INDIAN EPISODE.

The following most complimentary letter has been addressed to the officers named:

HEADQUARTERS DEPARTMENT OF DAKOTA,  
ST. PAUL, MINN., Jan. 19, 1891.

Captain J. H. Hurst and 2d Lieut. H. C. Hale, 12th Inf.,  
through Commanding Officer, Fort Bennett, S. D.

SIR: I am directed by the department commander to acknowledge receipt of your very interesting reports of the circumstances attending the arrest of the large band of disaffected Sioux on Cherry Creek in South Dakota, including a considerable number of the refugees of Sitting Bull's followers, and to express his satisfaction with the energy you each displayed in the matter, especially with your prompt and intelligent action in going at once to the scene with no other force than a sergeant and two Indian scouts and interesting yourselves personally in accomplishing the purpose desired, instead of asking and waiting for instructions from these headquarters. Your activity in detaching so large a number of disaffected Indians from the vicinity of those who subsequently were engaged in hostilities with the troops, in disarming them and conducting them to a distance from the region of disturbance, has undoubtedly, a very material effect upon the general result.

It is the purpose of the department commander at some future time to express in an appropriate manner his appreciation of the services of all who have contributed to the termination of the recent troubles with the Sioux.

Very respectfully, your obedient servant,  
M. BARNES, Asst. Adj. Gen.

At the time referred to, Dec. 15, 1890, Capt. Hurst was in command of Fort Bennett, adjacent to the Cheyenne River Agency. The Indians at the agency were quiet, but a party of surly and defiant Indians were engaged in dancing under the lead of "Hump" 52 miles away. "Big Foot" or "Spotted Elk" who was ten miles further away was in open hostility with his village. Capt. E. P. Ewers, 5th Inf., who had been sent by Gen. Miles, went with Lieut. Hale to the camp of "Hump" and succeeded in bringing him in and enlisting him as a scout. Hump was sent after Big Foot, whose camp had been reinforced by his own irreconcilables, but he could do nothing with him and was threatened and insulted for making the attempt. Learning that the band of Sitting Bull, after the death of their chief, were on their way South, Capt. Hurst bestirred himself to prevent their junction with Big Foot. Lieut. Hale was sent out to reconnoitre, taking his life in his hands. Attended only by Hump he met the Sitting Bull Indians. He succeeded in persuading them to stay their progress for twenty-four hours until he could report to Capt. Hurst. Capt. Hurst immediately returned with him to the Indian camp accompanied by a non-commissioned officer and two Indian scouts for interpreters. A council was held and the Indians were finally persuaded to surrender unconditionally. A correspondent of the Philadelphia North American, to whom we are indebted for these facts, says:

And so by the foresight of Capt. Hurst in sending out Lieut. Hale, and by the cool bravery and determination of both of them, and by their skillful dealing with a band of Indians who were undecided as to whether they would or would not go on the warpath, 81 men and 146 women and children were prevented from joining Big Foot and participating in the desperate fight with Forsyth's command. With 81 effective men added to his strength Big Foot would have emptied many more saddles of our hardworked cavalrymen. And now that the bloody war is settled, and settled with but little loss of life—little, but great, for that loss is not small which includes Wallace and Mann and Ned Casey, poor, brilliant Ned Casey—let credit for a bloodless victory be given to Capt. Hurst and Lieut. Hale, of the 12th Infantry.

It is reported by the daily papers that Gen. Miles is preparing charges against Col. McKeever of conduct unbecomingly officer and gentleman in talking derogatively of his brother officer. The charges, it is said, are based on the publication of an interview, which first appeared in the *Evening Star* of Washington, with "a prominent Army officer," who was quoted as saying in effect that the Indian score was prompted by Gen. Miles with the view to helping his Presidential boom. Gen. Miles, it is said, has learned that Gen. McKeever was the prominent Army officer referred to. Hence the charges. They have not, however, been received at Washington, and the officials there seem to have doubts about any being filed. There has been more or less talk about a revocation of the orders sending Col. McKeever to serve with Gen. Miles in the light of these charges, but Secretary Proctor has given no intimation that he will do so, and, as far as we are informed, the friends of Col. McKeever are not making any effort in that direction. Secretary Proctor seems to be taking the view that he is not responsible for the personal differences between officers, and that as Col. McKeever properly belongs at the Headquarters of the Division of the Missouri by reason of his rank, he has no good reason for changing the order.

Kate Field's Washington speaks earnest words in favor of the bill for the reorganization of the Marine Band, deploring the lack of a national band, and says: England has its Coldstream Guard Band; France has its Garde Republicaine; Prussia, Russia and Austria have their national bands, numbering from 70 to 80 men. All these bands are famous, and their members are proud to serve their respective countries, because service means distinction. \* \* With these facts before them, can Congress afford to starve the Marine Band out of its usefulness? New York City spends more money on open air concerts for the people during the summer months than is asked proportionately for the Marine Band whose earnest leader, John Philip Sousa, has refused a weekly salary of \$150 because he takes a profound interest in his work and believes that our National Band should be as great in its sphere as this Republic is great among nations."

The enlistment of about 2,000 Indians for service in the ranks of the Army is one of the propositions now being considered by the War Department as a part of the plan for dealing with the Indian question. Six or seven hundred of this number will be used as scouts and the remainder organized into companies, and one or two attached to each of the infantry and cavalry regiments serving in the West. The details of the plan have not yet been matured. Officers specially qualified for the purpose will be placed in command of these companies.

COLONEL FORSYTH, who has been regarded for some time as a very strong possibility in connection with the brigadier generalship, to become vacant upon the retirement of Gen. Gibbon on the 20th of April next, it is thought by many, has his chances largely augmented by the complimentary endorsement just made by the Secretary of War of his action in the Wounded Knee affair.

GALENA, ILL., having finished and gotten ready for placing a statue of General Grant, an unkind contemporary says: "The little, broken-down Illinois town where Grant made a living as a tanner, thus pays homage to a hero. In New York, where, as the foremost citizen of America, he spent his last days, there is slower progress in erecting a monument to his memory."

The Army promotion boards will soon be in operation again in anticipation of the vacancies occurring under the new law. Twenty 1st and sixty 2d lieutenants of the line will be ordered before them. Staff officers will also be sent before boards as there will be some retirements in the Pay Department, Engineer Corps and Medical Department.

The Senate has adopted the resolution of Senator Cameron authorizing the Senate Committee on Naval Affairs to sit during the summer recess to investigate the matters relating to personnel, ships, navy-yards, etc.

(Correspondence of the Army and Navy Journal.)

#### MOVEMENT OF TROOPS.

MERRIAM, NEB., Feb. 3, 1891.

A BATTALION, consisting of Troops A, E, F and G and Headquarters, is camped here to-day en route from Pine Ridge Agency, where these troops remained until the Brule and Sitting Bull Indians started for the Rosebud and Cheyenne River Agency, under escorts detailed from the battalion. The battalion will reach its destination, Fort Niobrara, on Sunday, Feb. 8. The march has been made through deep snow. The 1st Infantry and four troops 9th Cavalry still remain at Pine Ridge Agency. When the 6th Cavalry left the large Indian village had about disintegrated, the Indians having returned to their homes peacefully.

#### LATE ARMY ORDERS.

ALL Army nominations published in JOURNAL of Feb. 7, were confirmed Feb. 12: 2d Lieut. E. E. Winslow, Albert M. D'Armit, A. F. Flagler and Chester Harding, nominated as 2d lieutenants, Engineer Corps, to rank from June 12 to July 2, 1889, and 2d Lieut. George Le R. Irwin, 3d Art., to rank from Feb. 11, instead of July 28, 1890. These changes of dates are made in order that the officers named may be placed in position to receive promotion before those additional lieutenants who entered later with lower relative rank.

Capt. L. M. Maus is relieved from Fort Stanton, N. M., and ordered to Whipple Barracks, Arizona, relieving Asst.-Surg. R. W. Johnson, who goes to San Carlos, Arizona.

2d Lieut. J. A. Swift, Robert B. Watkins, J. H. Weber, B. W. Russell and F. M. Beale, are relieved from duty in the Signal Corps. (S. O. Feb. 13, H. Q. A.)

LIEUTENANT H. CUSHMAN, 20th U. S. Infantry, will spend the next two or three months at Rutherford, N. J.

The following Army officers registered at the War Department this week: 1st Lieut. R. K. Evans, 12th Inf.; 1st Lieut. A. M. Patch, 4th Cav.; Gen. Rufus Ingalls, retired; Capt. Wm. B. Davis, Med. Corps; Col. Henry W. Closson, 4th Art.; Lieut.-Col. A. Mordecai, Ord.; Col. Henry L. Abbot, Eng.; 2d Lt. R. B. Watkins, 7th Cav., and Capt. E. C. Bowen, retired.

## FIFTY-FIRST CONGRESS—SECOND SESSION.

The Army Appropriation bill is now in the hands of a conference committee consisting of Messrs. Allison, Plumb and Blackburn on the part of the Senate, and Messrs. Catoe, Osborne and Wheeler on the part of the House. While all the Senate amendments were disagreed to by the House there are only one or two of importance over which there will be any controversy.

The House disagreed to the Senate amendments to the Fortification bill and that measure was referred to a conference committee consisting of Messrs. Dawes, Plumb and Gorman on the part of the Senate, and Messrs. Brewer, Butterworth and Sayers, of the House. They came to an agreement Feb. 12. The House accepted the amendments made by the Senate reducing the appropriation for torpedoes from \$100,000 to \$50,000; the amount for gun and mortar batteries from \$1,000,000 to \$750,000; for the purchase of steel forgings, from \$1,000,000 to \$800,000; for machinery, etc., for Watervliet gun factory, from \$400,000 to \$300,000, and also the two new items inserted increasing the appropriation previously made for manufacture of guns by private contract to \$425,000, and authorizing the transfer of a portion of the site of the Dover powder depot to the Navy Department for magazine purposes. The Senate receded from its amendments striking out the appropriation of \$10,000 for improvements at the torpedo station at Yerba Buena Island, Cal.; the appropriation of \$50,500 for two disappearing gun carriages, and the amendment reducing the appropriation for travelling cranes for Watervliet from \$200,000 to \$100,000. The provision for the appointment of two civilian members of the Fortification board was modified so as to provide for the appointment of only one, who is to receive \$5,000 per annum instead of \$6,000 as proposed by the Senate. A proviso was also adopted requiring the board to make an annual report of its operations.

The Secretary of War has asked Congress to add \$200,000 to the deficiency appropriation bill to supply a deficiency in the subsistence fund caused by the addition of fresh vegetables to the Army ration and the increased number of Indian prisoners of war to be fed as a result of the late Indian disturbances.

Purchasing officers of the Army and Navy will be glad to learn that the Senate Committee has favorably reported on a bill permitting the purchase of articles without advertising to the extent of \$200.

By an amendment adopted by the House to the provision in the Sundry Civil bill appropriating \$800,000 for construction of buildings and enlargement of military posts, the total cost of Fort Bliss is limited to \$300,000, Fort Brady to \$250,000, and Fort Omaha, the name of which is changed by the amendment to Fort Crook, to \$500,000. All the other items in the bill of interest to the Army were passed as recommended by the Appropriation Committee and heretofore published in the JOURNAL. The bill is now before the Senate Committee on Appropriation.

Another petition numerous signed by naval officers praying that equal pay be given for relative rank and service as established by the law of precedence was presented to the Senate this week.

Representatives Spooner of Rhode Island Feb. 10, reported to the House from the Committee on Military Affairs a bill providing that the corps of cadets at the West Point Military Academy shall consist of one cadet from each congressional district, one from each Territory, one from the District of Columbia, and twenty from the United States at large. This bill is reported in lieu of the one proposing to increase the number of the corps to 445. The committee believes that with the additional number of cadets to be appointed from the recently admitted States and the addition of ten to be appointed from the United States at large a sufficient present increase is provided.

The Naval Appropriation bill passed the Senate on Wednesday, with amendments locating the Pacific Coast dry dock at Port Orchard, Puget Sound; authorizing the sale of one of the old single turreted monitors; striking out the appropriation of \$5,000 for a Gatling and Hotchkiss Gun; requiring a public competition by advertisement for the purchase of armor or gun steel; appropriating \$25,000 for arms for the Naval Militia; the same amount for soundings for a cable between San Francisco and Honolulu; and \$150,000 for the timber dry dock at Port Royal, S. C. Amendments offered by Mr. McPherson, providing a retired list for enlisted men and substituting three harbor defence turtle back monitors for the protected cruiser were excluded on points of order. The bill as reported to the Senate appropriated \$91,551,954.78 or \$1,779,925.33 less than the estimates. One very fast sailing and protected cruiser is the only new vessel provided for.

## BILLS INTRODUCED.

S. 5009, Mr. Gibson. Providing an income tax of 2 per centum to pay pensions and the salaries of retired officers.

S. 5027, Mr. Chandler. Limiting the term of all future appointments as heads of the Departments of the Army to terms of four years, and giving the President authority to place upon the retired list any existing head of a Department. The Chiefs should be appointed by selection from officers of the corps to which they belong, not below the rank of lieutenant-colonel; and they shall have during their term, and no longer, the rank and pay of brigadier-general. The Chief Signal Officer may be appointed by selection from any of the officers of the Army not below the grade of captain, and shall have during his term, and no longer, the rank and pay of a colonel of cavalry. The officers of the Inspector-General's Department shall be appointed as now provided by law.

S. 5080, Mr. Cullom. To authorize the Secretary of War to purchase for Governmental and industrial use at Rock Island Arsenal, Rock Island, Illinois, a testing machine for tension and compression.

(Correspondence of the Army and Navy Journal.)

## SUFFERINGS AT PINE RIDGE.

Those in camp, horses and men, are suffering from the intense cold. Horses are dying at the picket line, and those who are left after a winter's exposure will be of little value for work in the spring, so that our regiment, the 9th, will be dismounted. The policy of keeping troops and horses exposed to inclement weather is not understood. With shelter within 24 hours' march it would seem good sense to have troops avail themselves of it and thus be prepared for work at any time. Col. Henry

has gone to Omaha, owing to one of his children having diphtheria. He is fortunate in getting out of this weather, but as he and his command were frozen here years ago, he knows. Col. Dodge in his book says "it is easy to give orders for winter exposure, but the necessity for such must exist before ordered. The necessity is not apparent now and good horses, if not men, will be lost to the Service by a winter's exposure."

## ORDNANCE NOTES.

A trial of a compound armor plate took place on board the *Yvette* at Portsmouth, Eng., Feb. 6. The plate was one manufactured by Charles Cammell and Co., for the Argentine war ship building by Laird Brothers. The plate was 8 feet by 6 feet 8 inches thick. The conditions of this test were: Three Palliser chilled projectiles weighing 100 pounds each, fired from a new 6-inch breechloading gun, with 32 pounds of E. E. powder, developing a striking velocity at a range of 30 feet of 1,565 feet per second, equal to a striking energy of 1,700 foot tons, or a total energy for the three rounds of 5,100 foot tons. The shot was broken up on the hard surface of the plate, the indentations not exceeding two inches, and the cracks developed were so fine as to be almost invisible and did not extend beyond the thickness of the hard steel surface. In the Annapolis trials there were four 6-inch shots and one 8-inch with Holtzer projectiles. The velocity was 2,075 feet, with 4½ lbs. of powder, and striking energy 2,988 foot-tons. The low initial velocity obtained in this trial requires explanation. In the trial of a Cammell plate on board the same vessel last spring a velocity of 1,976 feet was obtained with a shell of the same weight, with a gun of the same calibre.

A new dynamite gun, just finished in England for Lieut. J. W. Graydon, is illustrated and described in the London engineering papers for Jan. 30. The barrel or pneumatic tube is 30 feet in length, with a calibre of 15 inches. It is a smoothbore steel-breech-loader, weighs about 11 tons, is discharged by the expansion of compressed air at a pressure of 5,000 lb. per square inch, and is to carry 3 miles a projectile 6 feet 3 inches long, and weighing about 1,500 lb. when charged with 600 lb. of dynamite. This is lined with asbestos cloth and the charge is subdivided into pellets, each enclosed in an envelope of prepared paper, to cushion the charge and prevent the concentration of the nitro-glycerine. A wad is also used at the base of the shell to diminish the shock. There are 32 compressed air reservoirs, each 4 feet high and 10 inches in diameter, in four sections of eight each, one on each side of the gun carriage. Filled with air compressed to 5,000 lb. per square inch, or about 1/34th of its original volume, the capacity of each at the working pressure is 17,000 cubic feet of air, weighing 110 lb. in its compressed condition. Any number out of the four sections may be discharged, according to the range desired or the weight of the projectile. The trunnions are bored for the passage of the compressed air and the gun can be loaded at any degree of elevation within its working range by the ingenious use of hydraulic machinery.

A recent despatch from London, says: "The British Government has made a series of secret tests of the Zainaki gun at Shoeburyness, and has found it successful beyond anticipations."

An 8 inch 35-calibre gun has just been completed at the naval ordnance factory at the Washington Navy-yard in 87 working days at a cost of \$2,317 for labor, being \$700 less than the labor bill for the last previous 8-inch gun and less than one-half the cost of labor on the first gun of that size built in the shops. It cost for labor about \$700 less than the cost for 6-inch guns two years ago and was finished in a month less time than was required for the first 6-inch guns made in the shops.

## FORT RILEY, KAS.

A SPECIAL correspondent of the evening Times says:

Col. Forsyth has not yet returned to duty. Major Whit-side commands the regiment and at present the post. The commander of the 7th feels his position. He knows the entire country is anxiously awaiting the inquiry going on regarding his action and that of the 7th in South Dakota. But with all that he is firm in the belief that his conduct will be fully vindicated. Col. Forsyth is not idle, however. An officer of his regiment is aiding him with a typewriter to prepare papers of every description bearing upon the case. The unanimity with which the officers of his regiment are supporting him should certainly be gratifying to Col. Forsyth. Such loyalty on the part of subordinates deserves well of their superior, and is no doubt fully appreciated by him.

The Junction City Republican says:

Major Rodney with one section of Light Battery F, 4th Art., from Fort Meade, arrived Saturday. We understand Chaplain D. B. Lowell is going to deliver a course of lectures for the benefit of the enlisted men. The chaplain has secured a firm foothold in the affections of the men of the garrison and they are only too willing at all times to listen to his able discourses.

Capt. C. A. Varnum, who commands Troop B, performed a deed in the second day's fight at the Mission which deserves more than a passing notice. The troops had fallen back from a hill overlooking a dry ravine. The Indians, who were on another hill, observed the movement and immediately proceeded to occupy the vacated position. They came swarming up the hill preparing to utterly annihilate the handful of soldiers beneath them. Capt. Varnum, in order to save his own and the lives of his men, took 16 men of different troops, recaptured the hill, and poured lead into the Indians at short range, leaving a number of them dead and wounded on the ground.

One of the oldest soldiers of the 7th Cavalry and a man who has been continuously in the Service since 1850, says: "Capt. John Van B. Hall and Lieut. Glennan, asst. surgen, did everything they could to alleviate the sufferings of the men, and both exposed themselves to a storm of bullets while looking over the field for the wounded. I have been in many a hard fight but never saw doctors who performed their duty with as much zeal as these two did."

## FORT LOGAN, COLO.

The Denver Republican says:

Four companies of the 7th Inf., with thirteen of their eighteen officers, have arrived from the seat of the late Indian war in Dakota. The two remaining companies, with Co. H, of Leavenworth, are detained at Fort Sully, guarding the Sitting Bull prisoners whom the 7th has the honor

of having captured. The boys show the result of their long marches, but, considering everything, are in excellent condition. There was many a loving farewell when they took their departure Dec. 2 of the old year, and with anxious, throbbing hearts have the loved ones at home watched the columns of the daily papers or eagerly inquired of the postman for any message from the front; and how has every word been devoured.

(Correspondence of the Army and Navy Journal.)

## WEST POINT, N. Y.

FEBRUARY 2, 1891.

On Saturday afternoon a reception to members of the 1st Class and young ladies visiting at the post was given by Lieut. Lucas at Capt. Derby's quarters (Lieuts. Hildie and Lucas occupy these quarters during Capt. Derby's absence). The affair was delightfully informal and thoroughly enjoyed by the guests present.

The inclement weather of Saturday interfered but little with the number present at the garrison in the evening. A small hop preceded the dinner, which began at 8.30 and lasted until 11.30. The leaders were Cadets Echols and McIndoe, assisted by Cadets Howard, Hero and Scherer. The favors were distributed by Mrs. Michie and Mrs. Metcalfe. The following is the list of dancers. The figures were: La Progressive, Pyramid, Bash and Sabre, and '91. In the last, the dancers form the figures '91:

## EAST.

Miss Hardin, Mr. Fuller.  
Miss Weir, Mr. Upton.  
Miss Risset, Mr. Cox.  
Miss Harris, Mr. Horn.  
Miss Rose, Mr. Rutherford.  
Miss Wilson, K. Mr. Howard.  
Miss Wallen, Mr. Barnhardt.  
Miss Haskins, Mr. Howell.  
Miss Cassatt, Mr. Voorhies.  
Miss Sord, Mr. Honeoy.  
Miss Bolles, Mr. Cordray.  
Miss Skidmore, Mr. Kutz.  
Miss Beiden, E. Mr. Hamilton.  
Miss Rockwell, Mr. Davis, A.  
Miss Carson, Mr. Rice.  
Miss Cooper, Mr. Fitzgerald.  
Miss Mercer, Mr. Shipton.  
Miss Craney, Mr. Smith, G. H. B.  
Miss Whittemore, Mr. Bash.  
Miss Westervelt, Mr. Bradley.  
Miss Brown, Mr. Harison.  
Miss Headley, Mr. Shortz.  
Miss Hunter, Mr. Wilcox.  
Miss Dillon, Mr. Anderson.  
Miss Michie, Mr. Sewell.  
Miss Rose, Mr. Kilbourne.

## WEST.

Miss Lettier, Mr. Donovan.  
Miss Lockwood, Mr. Prince.  
Miss Davidson, Mr. Murphy.  
Miss Belden, A. Mr. Hazzard.  
Miss Pratt, Mr. Raymond.  
Miss Metcalfe, Mr. Conby.  
Miss Boynton, Mr. Hart.  
Miss Sawtelle, Mr. Pattison.  
Miss Alexander, Mr. Weeks.  
Miss Wright, Mr. Chamberlaine.  
Miss Storm, Mr. Webb.  
Miss Noyes, Mr. Switzer.  
Miss Eckert, Mr. Chapman.  
Miss Brown, Mr. Andrews.  
Miss Campbell, Mr. Furlong.  
Miss Richard, Mr. Glasgow.  
Miss Wilson, Mr. Walker, K.  
Miss Chapin, Mr. Chamberlaine.  
Miss McCallum, Mr. Whitney.  
Miss Weir, Mr. Mr. Settla.  
Miss Huse, R. Mr. Ely.  
Miss Palmer, Mr. Horney.  
Miss Harris, L. Mr. Sobers.  
Miss Cox, Mr. Sorley.  
Miss Honeoy, Mr. Conrad.

Cadet appointments to West Point have been issued during the past week to the following-named persons: Mortimer O. Bigelow (alt.), Birmingham, 6th Dist., Mich. Clarence N. Purdy, Hagerstown, 6th Dist., Ind. Alvan S. Dillaway, Newton Highlands, 9th Dist., Mass. Frank W. Harriman (alt.), Framingham, 9th Dist., Mass. Girard Sturtevant, 1730 Madison avenue, N. Y. City, 18th Dist., N. Y.

Arthur Garwin (alt.), 22 E. 93d street, N. Y. City, 18th Dist., N. Y.  
Augustus C. Hone (alt.), Red Bank, 3d Dist., N. J.  
Albert S. Brooks, Wheeling, 1st Dist., Ark.  
Frederick G. Caldwell, Nevada, 12th Dist., Mo.  
Judson J. Padon, Troy, 18th Dist., Ill.  
Fitzhugh L. Hayes, Morganton, 8th Dist., N. C.  
Stanley C. Dickinson (alt.), Cobleskill, 24th Dist., N. Y.  
John B. Kierse, Hagerstown, 6th Dist., Md.  
Thos. B. McDonald (alt.), Potomac, 6th Dist., Md.

(Correspondence of the Army and Navy Journal.)

## FORT SPOKANE, WASH.

FEBRUARY 2, 1891.

COLONEL FREDERICK MEARS, 4th U. S. Inf., for some time past at Fort Sherman, Idaho, as a member of Examining Board, has returned, and relieves Captain Henry Seton of command of the post.

There is a rumor that in the spring Cos. A and B, 4th Infantry, will change station with Cos. D and E, now at Headquarters. As Fort Spokane is considered by many one of the "choice" frontier posts, and surely the officers' quarters compare most favorably with any Army post in the United States, we have the idea that the Fort Sherman troops will hail the transfer with as much joy as the Fort Spokane troops. On the "relative rank" list of desirable frontier Army posts, this Fort Spokane stands "way up" near the top. Here the climate is perfect; chronica and consumptives are soon cured. This is in the heart of the wilderness inhabited only by the aborigines and bluecoats. To such a delightful post we will extend to any new troops a most hearty welcome. We will regret parting with Cos. A and B—we have plenty of room for them all, and the larger our garrison is the merrier and quicker the months will roll by. At present there are vacant, and in good order for immediate use, nine officers' quarters and two soldiers' barracks.

Capt. Henry Seton and Lieut. Magnus O. Holliis, 4th Inf., have been ordered to Vancouver Barracks on General Court duty.

## FORT MONROE, VA.

A CORRESPONDENT writes:

The ancient duelling ground known as "Buckroe" has been purchased by Major John R. McGinness, commanding the U. S. arsenal.

The Hygeia may be said to have formally opened for the spring season on Monday. The fine orchestra from the artillery school band resumed its old place in the pavilion, where it will perform during the dinner hour and at nights for dancing until late in October.

Col. and Mrs. Onas. Bird gave a handsome reception at their quarters on Thursday night, in honor of their guests, Miss Bowman, of Wilmington, and Miss Gordon, of Middletown, Del.

Major John R. McGinness, Ordnance Corps, left Feb. 4 for Fort Leavenworth to submit a new shelter tent lately invented by him to a board of officers. The tent can be folded up and used as a knapsack.

Mrs. Lieut. Foote gave a "dove" party on Saturday evening in honor of her guest, Mrs. Lieut. Trout.

Mrs. Capt. J. P. Story has gone to New York on a visit. Lieut. Harry Trout, 9th Cav., and wife, who have been visiting Lieut. and Mrs. Foote, left Wednesday to join his regiment at Fort Riley, Kas.

Lieut. Willoughby Wolfe, 2d Art., in charge of the chemical department of the artillery school, left for New York Wednesday.

Gen. Joseph C. Breckinridge, Inspector-General, U. S. A., arrived from Washington Thursday. He inspected the post and was honored with a salute.

Mrs. Tucker of Washington, wife of Paym. Tucker, U. S. Army, has arrived at the Hygeia.

## FORT SHERIDAN, ILL.

GENERAL MILES visited Fort Sheridan, Feb. 6, and inspected the Indians held there. They were found to have been well treated, supplied with warm clothes and each squaw had a new red shawl. When Gen. Miles and party (about 50) arrived he found the red men drawn up in double line in front of their quarters, with the squaws in the rear. In honor of the visitors, and the ladies particularly, the captives had put themselves back into their blankets and paint, and honored with a courting colors. Gen. Miles distributed cigarettes by the hundred among the natives, who have taken to smoking them since their arrival.

(Correspondence of the Army and Navy Journal.)

## FORT D. A. RUSSELL, WYO.

THE seven companies of the 17th Infantry which were in the field during the late Sioux campaign have returned. The following officers were in the field from Russell: Lieut.-Col. O'Neil, commanding; Major Egbert, 17th Inf.; Capt. A. H. Appel, Med. Dept.; Co. A, 17th Inf.; Capt. Van Horne, 1st Lieut. Lockwood and 2d Lieut. Duffee; B-Capt. Greene, 1st Lieut. Grumley and 2d Lieut. Dashiell; C-Capt. Roberts, 1st Lieut. Nickerson and 2d Lieut. Walker; D-Capt. O'Brien and 1st Lieut. Chubb; E-Capt. Burns, 1st Lieut. Enoch and 2d Lieut. Lyon; G-Capt. Rogers and 1st Lieut. Druey; H-Capt. Howe, 1st Lieut. Mann and 2d Lieut. Wild. Lieut. Kerr and Muir volunteered to accompany the troops in the field—the first as adjutant and the second as ordnance officer. In returning by rail, Pvt. Schenmerhorn, Co. G, 17th Inf., was run over by the train and killed. The only other death in the regiment during the campaign was that of Sergt. Leary, Co. G, 17th Inf., who died shortly after the troops took the field.

A dandier reception will be given by the ladies of the post to the officers who returned above Feb. 7.

The weather here has been unusually severe of late. Heavy snow and the mercury below zero makes the soldiers glad to get back to barracks after the hardships of the recent campaign.

Quon.

## FORT HUACHUCA, ARIZONA.

The Sentinel of Jan. 31, says:

Capt. Rwan, 9th Infantry, has kindly consented to keep the Sentinel posted and on guard during the editor's absence.

Major J. H. Patski has a leave for six months. He will leave for the East some time next week. We wish him bon voyage.

An Officer's Whist Club has been organized. Capt. Fowler and Beldwin, Surg. Ebert, Lieut. Sargent, Winn and Anderson are members.

Lieut. Winn leaves to-day for Wella Wella where a happy little wife awaits his coming. He will be absent a month or more and will bring his wife home with him.

Miss Lee, daughter of Capt. Lee of the 9th Infantry, arrived here Friday from the East.

Lieut. Winn has been out on two or three hunting expeditions. At one time he brought in a deer with a centre shot in the forehead.

Col. D. S. Gordon and Chaplain Scott are going out for a few days on a hunting expedition. Arizona rabbit and quail on toast will be furnished all friends in abundance and gratis.

We have a good post school. It commenced Nov. 1, and has two departments.

Father Frost from Tombstone visited the post this week. He is the guest of Capt. Rwan.

Lieut. W. A. Campbell, 9th Infantry, has received orders to report at Leavenworth by March 1 to attend the Military School for the next two years. He will probably leave there about the middle of February.

## FORT SUPPLY, L. T.

Stray Shots furnishes the following:

Mr. Weiglein has received his appointment as post trader. The garrison is to be congratulated upon his appointment.

Lieut. Fox left Friday on a five days' leave. Of course the case is mysterious, because he wouldn't tell where he was going.

Asst. Surg. Brown arrived Thursday from Fort Riley. While there he performed several operations upon the injured from Wounded Knee.

A lively recruiting business is going on among Lieut. Knappe's scouts.

The many friends they have made at Supply sincerely regret the departure of Miss Susie Biddle and Gen. and Mrs. Augur. Miss Biddle goes to visit her brother at the camp of Co. B in Guthrie. As she claims to have left her heart here, she will probably return to get it. Gen. and Mrs. Augur go to visit their son, Capt. Colon Augur, at Fort Wingate, N. M. They have endeared themselves to everybody during their stay and will be received with delight as a permanent part of the garrison.

Col. and Mrs. Bryant entertained their friends at a masked ball on Wednesday evening. It was a brilliant affair and the supper that followed it was, to quote from Lieut. Butler, "a whizz up in G."

Miss Bishop has been laid up with a severe cold for a few days the past week, much to the regret of her friends.

The Spelling Bee will not occur till Monday, Feb. 9.

The Cheyenne have some names for people here which sound strange. Mr. Lindmuth is referred to as Vohu-kis, or Young Fellow-Almost-a-Man. The editor is fortunate enough to have two names, Machyevoy-mayita, which means Big Red-Beard, or Myuay-evoy-mayita, which means Red-Medicine-Man.

## FORT LEAVENWORTH.

The Kansas City Times says:

On Thursday night the Misses Townsend, Misses Cushing, and Mrs. Shunk will give a German in honor of Miss Margaret Wilson, the guest of Chaolain and Mrs. McCleary.

On their return here from Fort Riley Co. A, 10th Inf., had a very fine supper prepared for their comrades in Co. E. Lieut. J. M. P. Farber, 1st Lieut. who returned hurriedly from Europe in the expectation that his regiment would be ordered into the field, goes abroad again to spend the remainder of his leave.

Lieut. W. S. Scott, 1st Cav., has again taken charge as secretary of the infantry and cavalry schools.

Lieut.-Col. Geo. B. Sanford, 9th Cav., is again doing duty as chief justice of the summary court.

Lieut. Root, 2d Inf., has been relieved from temporary duty as assistant instructor in the department of infantry and directed to report to the instructor in engineering.

Capt. Steever, 3d Cav., has reported for duty as instructor in engineering of the infantry and cavalry school.

Capt. Zilvin Capron, 1st Art., granted one month leave with permission to apply for an extension of three months, has well earned this leave and a brevet in addition.

Capt. Hathway has returned from Topeka, where he attended the banquet of the Loyal Legion.

Drills commence Feb. 2, and will continue through the month, excepting Saturday and Sunday.

The troops were paid off yesterday by Major Smith.

## ST. AUGUSTINE, FLA.

A SPECIAL correspondent of the Times-Union writes:

The gentlemen composing the U. S. drydock commission are comfortably domiciled in the Alcazar. Were it not for the fact that Congress confines the decision of the commission to the Gulf Coast, the harbor of St. Augustine would perhaps stand some show of getting the drydock. The personnel of the commission is ex-Gov. Sidney Perham, of Maine; Capt. F. M. Bunce and Lieut. R. M. G. Brown, U. S. Navy; Major Henry C. Harbrough, U. S. Army, formerly of Fort Barrancas, and Mr. A. J. Whitaker, of Washington, D. C., secretary. Mrs. Bunce accompanied the captain. The party leaves Monday for Tampa. Capt. W. M. Black, U. S. Army, took the party out sailing on the bay and they were all greatly pleased. Lieut. R. M. G. Brown was executive officer of the war-ship Trenton, and was mentioned in the orders for bravery in saving human life during the hurricane at Samoa. Major Harbrough, commanding officer at Fort Barrancas, speaks in high praise of the Floridians and Georgians enlisted for his batteries. The indorsement of this veteran is valuable.

Mr. J. R. Bacon, of Capt. Black's department, has returned from his work of surveying Charlotte harbor, Ocklawaha river and Lake Griffin. He will now survey the Ocklawaha and its branches for a route into Lake Griffin.

## THE STATE TROOPS.

Correspondence on subjects appertaining to this department of the paper is always gladly received. The wishes of contributors as to the use of their names will be scrupulously regarded.

## THE 71st REGIMENT'S NEW ARMORY PLANS.

It is to be hoped that the unfortunate results of the competition for the 13th Regiment's new armory will be borne in mind by the committee now considering the plans for the 71st Regiment armory. In this instance the estimates on the selected plans exceeded the appropriation by about \$100,000. In order to keep within this sum, the drill hall had to be made smaller and the administration building reduced some 27,200 feet, the plans, however, being finally abandoned as useless. The case is the more aggravated as the design was forced upon the 13th regt. despite the opposition of the officers. We trust that the officers of the 71st will receive the consideration due them in this matter.

## Seventh New York.—Colonel D. Appleton.

At the Bull's-eye Match, shot at the armory range Feb. 4, 10 shots at 500 yd reduced target, Lieut. S. W. Merritt, Co. B, was the winner, making 10 consecutive bull's-eyes. For second place there was a tie between three of the shooters, who each made nine consecutive bull's-eyes and a 4, a total of 49 out of 50 points. They were Capt. D. A. Nesbitt, Co. B; Sergt. G. S. Towle, Co. D, and Pvt. N. D. Lancaster, Co. H. The tie is to be shot off later.

Sharpsooter's medals were won by the following: Lieut. A. McDougall, Co. C, 65; Pvt. E. P. Sands, B, 65; Pvt. C. G. Halliday, D, 67; Pvt. E. M. Killoch, H, 65. This evening (Feb. 14) the match for the Leitchville trophy will be shot, the conditions being teams of 7, 20 minutes' time limit, 14 shots per man.

Co. G, Capt. J. C. Abrams, will hold its regular monthly meeting on Friday evening, Feb. 13, at 8 o'clock.

The companies of the regiment will assemble for drill in the school of the battalion, as follows: C, A and K, Feb. 13, March 15; A and H, Feb. 20, March 6 and F, Feb. 24, March 10; B and I, Feb. 28, March 12; D and G, March 2, 16. Assembly at 8 o'clock P. M. Each battalion of two companies will be divided for instruction into six commands, and sergeants will, therefore, be prepared to act as officers, and corporals as company guides.

## Eighth New York.—Col. Geo. D. Scott.

The regiment will assemble at its armory for review and presentation of marksmen's badges on Saturday evening, Feb. 21. The above occasion is the anniversary of the departure of the regiment for the war. Brig. Gen. Robbins will review the command, and among the exercises there will be a guard mount, battalion drill and dress parade. Col. Scott has laid down a programme of instruction for the different companies at stated periods, directing the course of instruction to be followed in each. It embodies manual of arms, loadings and firings, skirmish drill, guard mount, duties of sentinels and battalion drills.

The 8th Meut., N. Y., Athletic Association will hold games at the armory on Tuesday evening, March 31, and an interesting programme will be arranged. The following officers of the association have just been elected for the ensuing year: President, Col. Geo. D. Scott; vice president, Lt. G. C. Helmer, Co. D; secretary, J. A. McCloskey, D; treasurer, Sergt. G. D. Scott, Jr., N. C. S.; captain, F. Simondet, F; lieutenant, R. C. Meek, H; sergt.-at-arms, Sergt. A. Jacobson, B; Membership Committee—Capt. T. M. Young, B; Drum Maj. T. W. McKeever, N. C. S.; Serat./F. Buckhorn, H; Pvt. C. Cohen, B; Pvt. F. Simondet, F; Auditing Committee—Capt. Kniant Hotel, F, and Edw. Barker, staff; Lieut. Henry G. Bidabock, staff; Committee on Games (March 31)—Q. M. Sergt. D. Scott, Jr., N. C. S.; Serat. Frank Buckhorn, H; Pvis. Ralph C. Meek, H, and Fredk. Simondet, F.

## Twelfth New York.—Colonel H. Dowd.

Col. Dowd on Monday last appointed ex-Lieut. M. Conkry Butt, Commissary of Subsistence. The appointment is an excellent one. At last accounts nothing definite had been determined upon in connection with the appointment of an adjutant. Lieut. E. C. Smith, who is at present acting adjutant, is sure to be elected captain of Co. A, and it is assumed would naturally prefer the latter position to being appointed adjutant. It is rumored that if a selection for adjutant is to be made in the regiment Lieut. A. E. Schuman, Co. G, would probably be the man, and the appointment would be a good one, as Lieut. Schuman is fully capable for the office besides being a popular officer. Cos. A, B, C, D and F will parade for battalion drill on Feb. 18 and Cos. E, G, H, I and K on Feb. 24. A review and presentation of marksmen's badges will probably be held in March next. Cos. B and C shot a match at the armory range on Feb. 9 and it was a close one. There were 10 men on a side, 5 shots each, at 500 and 500 yd. targets. At 200 yds. Co. C led by 3 points, their score being 180 against 177 by B. At 500 yds. B led, their score being 206 points, while that of C was 184. Co. B won the match by 17 points, their aggregate score being 383 points, while that of C was 366 points. The best individual scores on each team were: Sergt. A. B. Van Heusen, Co. B, 47, and Capt. C. J. Seiter, Co. C, 44.

The first competition for the "Riker Trophy," under the new conditions, took place at the armory range on Feb. 11 and was the most interesting competition yet shot, general improvement in the shooting being evident. Cos. H and I were the only companies not represented. Co. B won the match by 15 points. The aggregate score of each team in order of merit is as follows: B, 212; F, 197; C, 195; K, 190; E, 183; D, 178; F, S. and N. C. S., 165; G, 163. The two last teams were each a man short.

## Thirteenth New York.—Col. D. E. Austen.

A REVIEW of this command in its grey uniform was held at the armory last Monday evening, Feb. 9. Col. Austen being in command. The formation began at 8 45 o'clock, and was made with nine companies of 15 files each. Line was formed in good shape, the men dressing very promptly. Col. Austen divided the command into two battalions and maneuvered both simultaneously. The several movements were fairly executed, the only break being in the color company while in column of wings, the captain seemingly misunderstanding the order. The movements in column of companies, divisions and wings, in double and single rank, were very good, but the step at times was very poor, especially in the left wing. Captains and sergeants would do well to bear in mind that the cadence in quick time is now 180 steps to the minute. The review was tendered to the Hon. T. W. Myers, Comptroller of New York City. The ceremony was good throughout. In the passage the salutes were not rendered soon enough, officers as a rule getting almost on a line with the reviewing officer before dropping the sword. The dress parade was taken by Lt.-Col. Harding, and this ceremony was also a good one. The manual during the evening was well executed, and the exhibition throughout reflects great credit on the regiment.

## Twenty-second New York.—Col. John T. Camp.

The project of forming a 22d Regiment veteran club has met with much success, and there seems no doubt that a solid organization can be formed in due time. It is somewhat difficult to get notices of the proposed scheme to the many ex-members, now scattered far and near, has no record of their addresses has been kept. Ex-Lieut. O'Neill, of Co. D, has devoted much time and labor to hunting up ad-

dressess of old members of the regiment, but it is very slow work. Replies have been received from nearly 200 ex-members from various parts of the country, who express themselves as desirous of joining. A meeting, relative to organizing, will shortly be held at the armory.

The athletic games, which take place at the armory next Saturday, Feb. 21, promise to be very interesting. The events to be contested are: 75 yd. run, 220 yd. hurdle, 1 mile run, 1 mile walk, 2 mile safety bicycle, 400 yd. novice, 3 loed race, obstacle race, tug of war. There will also be a foot ball game between the Cosmopolitan and Brooklyn clubs. The last named will be a great event.

Counsel for ex Capt. J. P. Loo, of Co. I, on Feb. 10, presented an application to the Supreme Court for a writ of certiorari, to review Gov. Hill's action in disbanding Co. I. The bench was occupied by Presiding Justice Van Brunt and Judges Daniels and O'Brien. The argument was made upon the same papers which were recently before Judge Andrews. Decision in the present application is reserved. Capt. Leo says, if necessary, he will carry his case to the Supreme Court of the United States.

There are some crude ideas of late in Co. D concerning discipline. The captain appointed a sergeant last Tuesday, but refused to accept unless he was elected by the company. This being contrary to regulations, Capt. Bristlet properly declined to accede to the suggestion, whereupon there was some animated talk and three non-coms. out their a ripes off. One of them got very abusive to a private who was loyal to the captain and called the private a very vile name. He responded in a forcible manner, and gained satisfaction. Sergt. Richardson and Corp. Van Houghton and Bania have been reduced to the ranks. The sooner these outlaws are expelled from the company the better.

## SOME COMING EVENTS.

We have received notification of the following:

Feb. 14.—Promenade concert, 22d N. Y., Gilmore's Band, at armory.

Feb. 14.—Exhibition drill of right wing, 23d N. Y., at armory.

Feb. 20.—Review and ball, 2d Batt. N. Y., at armory.

Feb. 21.—Athletic games, 22d N. Y.

Feb. 21.—Review and presentation of badges, 8th N. Y., at armory.

Feb. 25.—Ball of Non-com. Officers, 13th N. Y., at armory, Brooklyn.

Feb. 25.—Athletic entertainment, Co. E, 23d N. Y.

Feb. 26.—Annual ball, 1st Battery, N. Y., at armory, West 44th street, N. Y. City.

Feb. 26.—Review of 32d N. Y. at armory.

Feb. 28.—Athletic games, 71st N. Y.

March 23.—Review of 13th N. Y.

March 31.—Athletic games, 8th N. Y.

April 4.—Athletic games, 7th N. Y.

April 15.—Athletic games, 12th N. Y.

April 30.—Review of 13th N. Y., at armory.

## OHIO NATIONAL GUARD ASSOCIATION.

THE eighth annual convention of the Ohio National Guard Association closed with a grand banquet at the armory on Jan. 29. Among the speakers were Col. Cochran and Capt. Crowell, U. S. Army, who made an able and interesting address.

The closing sessions of the convention were filled with work of considerable importance. Maj. Gen. Hawkins was in the chair. Capt. Starna, Thomas and Kenan were appointed a committee on medals. The bill introduced in the Legislature for the creation of the office of inspector of rifle practice was inclosed. In relation to next summer's encampment the sentiment was rather in favor of regimental or State encampments, in preference to brigade encampments. No conclusion was arrived at, however, except that an effort be made to have the State authorize a 14 days' encampment, instead of the five or seven days' encampments of previous years. The matter was left in the hands of a special committee.

## PENNSYLVANIA.

At the close of the last rifle season, Nov. 15, 1890, the 12th regt. qualified its entire membership with largely increased scores, having 180 sharpshooters and 329 marksmen, a total of 459. The average score per man was 34.7.9 points, an increase of nearly two points over last year. The 12th Regiment shares with the 13th, of Scranton, the honor of a shooting record unequalled by any other regiment in the world. The following table shows the record of the 12th for the past three years:

	Sharpshooters.	Marksmen.	Total.
1888.....	33	461	493
1889.....	73	415	489
1890.....	130	329	459

Col. Coryell, in congratulating the regiment, says: "We cannot speak in too high terms of praise at the extraordinarily magnificent work accomplished during the season just closed, which is a matter of the greatest pride and gratification to every member of the regiment."

The Athletic Association of the 1st will hold their first grand invitation boxing and wrestling exhibition in the gymnasium of the armory on Friday evening, Feb. 18. Each event will be for the championship of the regiment in their respective classes.

## VARIOUS.

The New York Times is devoting considerable attention to a fledgling sheet described as "an alleged military journal." The Times should transfer the remarkable "military" criticisms it quotes from the journal in question to its column of factives, where they properly belong. It takes them much too seriously. They do no harm to us, but for the kindly offices of the Times, their demoralizing influence would be confined to a single proof reader.

The entertainment of Co. H, 7th Regt., Capt. C. E. Lydecker, held at the armory on the evening of Feb. 4, was an exceedingly pleasant affair.

The promenade concert and reception of the 21st Sep. Co., Troy, N. Y., Capt. J. H. Lloyd, was held at the State armory last Friday. Dorrings' band was in attendance and the affair was a most delightful one. Prominent military men from adjacent cities were present, as well as a large number of prominent citizens.

Co. D, 14th N. Y., will give a concert and reception at its armory on Monday evening, Feb. 23 (Washington's birthday), music by Contorno's 14th Regiment band.

The very full report of Insp.-Gen. Thomas H. Burber, of the State of New York, has attracted deserved attention, especially at the War Department. The Inspector-General of the United States, Gen. Breckinridge, has sent in an especial letter of commendation and asked for suggestions concerning a programme for militia inspections by Regular officers.

Capt. Franklin Bartlett, Co. D, 22d N. Y., with Mrs. Prescott Lawrence, led the cotillion at the Patriarchs' Dance at Delmonico's Feb. 9.

Co. B, 71st N. Y., enjoyed a stag racket in its cosy social rooms in Harlem last Saturday evening. Selections from a phonograph and the song "A Jolly Red Nose," by Ord. Sergt. Paul, afforded much amusement. Co. B quartette sang several songs; "Hamlet's Soliloquy," by Lieut. Timpon; a sonnet by Sergt. Walker, some selections by Mr. Carrington and others also entertained the assembly. Refreshments were served during intermission. Any one who doubts the vocal ability of Capt. Smith should hear him sing "Mamma's Black Baby Boy." It is expected Co. B will take part in a reception to be given by Co. B of the 47th N. Y. at the armory of the latter on Monday evening, Feb. 23.

Adjt.-Gen. C. C. Allen, of California, announces the following appointments on the staff of His Excellency Henry H. Markham, Governor and Commander-in-Chief, with rank from Jan. 8, 1891: John B. Wright, to be colonel and chief

engineer; Geo. A. Knight, to be colonel and J. A. Frank W. Sumner, to be colonel and paymaster-general; Daniel M. Burns, to be colonel and I. G. K. P. Forrest S. Chadbourne, to be colonel and J. H. McCloskey, John S. Young, Adolph G. Gassen, Reed Jones and Royal D. Laidlaw, to be lieutenant-colonels and aides-de-camp.

The second lecture in the present course of instruction for the National Guard, District of Columbia, was delivered by Lieut. Baird, 6th U. S. Cav., on the subjects of camp and camp cooking. His lecture was very interesting and instructive and the large audience loudly applauded and warmly thanked him for it. The third lecture, given Feb. 9 by Lieut. Scriven, 31 U. S. Art., on the subjects of skirmishing and fire discipline in action was equally interesting and instructive.

Co. F, 23d N. Y., Capt. Thorn, has won the handsome banner offered by the regiment to the company making the best record in the armory range during the period of compulsory shooting, which embraced the month of January. The banner will be awarded to the winning company at the end of each January match for the ensuing five years, and then the one having won it oftentimes will own the prize. Co. F sent 70 men into the armory range and all but two qualified.

The proposed plan of Col. D. E. Austen, 13th N. Y., to take the regiment on a week's march next summer, with wagon train supplies, etc., for practical instruction, has been knocked flat by the announcement that General Headquarters has no money to appropriate for this purpose.

Co. A, 47th N. Y., and the Star Athletic Club will hold a joint set of games at the armory on Thursday evening, March 5. The events are 75 yard dash, 134 mile run, running high jump, 600 yard novice, 440 yard run, 1 mile walk, 250 yard hurdle and a 1/4 mile run. A gold watch will be given to the winner, and a gold medal to second in each event.

A special meeting of the Texas Volunteer Guard Association took place at Galveston, Tex., Monday, Feb. 3, for consideration of matters pertaining to the welfare of the association. Suggestions on legislative appropriations, amendments to the present militia laws, and matters of organization, were made. Gen. L. M. Oppeheimer is president of the association and Col. Fred. Feigl, corresponding secretary.

The 57th anniversary of Co. I, 9th Regt., M. V. M., of Concord, Calif., was being celebrated in the town hall on Feb. 6.

E. K. Meyers, of Harrisburg, who is a sergeant in the Governor's Troop, is prominently mentioned in connection with the office of Q. M. General, Penn. N. G., in place of Col. H. C. Deming, whom the Senate refused to confirm.

Col. Strachan and staff of the 9th Inf., M. V. M., of Boston, who were guests at the grand ball of the 60th N. Y., on Feb. 2, are enthusiastic in their praise of the hospitality of the 60th Regt. Upon their arrival in New York they were received by Lt.-Col. Moran and escorted to the St. Cloud Hotel. Monday evening the officers of the 9th and the ladies accompanying them, attended the regimental ball in Madison Square Garden, as the guests of the officers of the 60th, and on the same evening were entertained at supper by Lt.-Col. Moran. *The Boston Herald* says: "The Boston visitors will long remember the cordial reception and many courtesies accorded them by Lt. Col. Moran, his charming wife, and her sister, Miss Zimmerhoff."

The 2d Battery, Capt. David Wilson, held their annual reception at the armory Friday, Feb. 20. The festivities will

be preceded by a review of the battery by Adj. Gen. Josiah Porter, S. N. Y., at 9:30, and the grand military march at 11:30. Gen. Fitzgerald, Varian, Robbins, McLeer, Barle, Col. Appleton, Scott, Cavaiazzi, Kopper, Camp, Storey and Briggs, with other prominent officers of every organization in the 1st and 2d Brigades have signified their intention of being present. Maj. W. W. Chow and a large delegation of officers from Philadelphia, Insp. Gen. R. R. Kenny and officers from Delaware, Maj. Follett from Boston, the Old Guard of New York, Col. L. L. Langdon, Capt. Dillenback, Lieut. Van Ness, Patterson, Marsh, Price and others of the 1st Art.; Maj. W. F. Randolph and friends from Governor's Island and West Point, who with a large host of citizen celebrities, will add color to the occasion.

The 23d N. Y., Col. Clark, will be reviewed at its armory, Bushwick avenue and Stagg street, Brooklyn, on Thursday evening, Feb. 25. The next battalion drill of the regiment are ordered for Feb. 13 and 20.

The invitation reception given by the members of Co. I, 71st N. Y., at the armory on Monday evening last was a very pleasant affair.

Lieut.-Col. James F. Jackson, 1st Inf., Mass V. M., has resigned and has been honorably discharged.

The State of Wisconsin is to issue flannel shirts to its troops, to be worn whenever the service dress is ordered, and no white collars or cuffs are to be permitted when in that uniform.

1st Sgt. Samuel P. Chambers was Feb. 9 elected 1st lieutenant, Co. B, 1st Inf., Ill. N. G.

Although the 13th Sep. Co., of Troy, N. Y., has been kept in suspense for close on to two years as to whether it would or would not be continued in the State service, it has held itself together remarkably well under the disadvantageous circumstances. With the appointment of Gen. Oliver, however, a new lease of life seems to have been granted the company, for at last it has been permitted to elect a captain. The previous application to hold this election was made to the former brigade commandant, Gen. Parker, over a year ago, but—save being pigeon-holed—no action was taken. Such a tardy and undecided method in dealing with an organization is discreditable to the authorities responsible. If a command is unfit to keep in the service it should be disbanded. If it is worthy of being continued as part of the State force it should be given every opportunity to keep itself up to the standard. Jacob H. Patton has been elected captain of the company, which has now about 60 members on its roll. Lieut. Hill, who has been in command of the company during the 18 months of vacillating policy of "superior authority?" deserves credit for holding on to what seemed a forlorn hope.

#### ANSWERS TO CORRESPONDENTS.

H. A. S.—See answer to B. B. in JOURNAL of Feb. 7, 1891, page 412.

Quiesio Vexata.—The money allowance is not increased on account of issue of articles, etc., in any Department. Consequently a soldier stationed in a cold climate where he needs these articles is evidently at a loss. But as troops in a warmer climate will need summer clothing and those in a colder region do not need them, there would be little difference, if any, in favor of one or the other.

R. C.—The post commander should convene the Board. See par. 2, G. O. 103, A. G. O., Sept. 20, 1890.

F. M. J.—We mailed you early in the week a copy of the order desired.

Subscriber.—There is such a list as you desire, and we can obtain you a copy. Price, 25 cents.

Deserter.—There has been no general pardon recently for deserters. An amnesty was talked of some time ago, but was not issued. The amendment of the 103d Article of War is perhaps what you refer to.

O.—Eugene C. Howe has been appointed alternate from the 3d New Jersey District. Robert R. Raymond (3d New York District) at January examination stood 6 in mathematics, 3 in French and 3 in drawing, in a class of 57. W. A. Wallace is the Congressman.

S. F. asks: Does an enlisted man have to be tried and found guilty of absence without leave by a Court martial before a stoppage of his pay for such absence can be made on muster and pay-rolls? Ans.—No. A. R. 132 says: "An enlisted man who absents himself from his post or company without authority shall forfeit all pay and allowances accruing during such absence." \* \* \*

A correspondent who asked us some time since concerning a new edition of the works of Miles O'Reilly (Charles G. Halpine) is informed that about two years ago a new edition of the poems of the late Maj.-Gen. Chas. G. Halpine ("Miles O'Reilly") was almost ready for press, when his oldest son, Nicholas J. Halpine, a lieutenant in the Navy, was ordered to duty on the South Atlantic Station and the work of compilation and revision was suspended until his return, which will be in about a year. The work will be dedicated to the soldiers of the Union Army and especially to the members of the Dahlgren Post, G. A. R., who erected a colossal bronze to his memory at Cypress Hills, for "We drank from the same canteen." The book will contain all of his war poems together with a second part which will embrace such others of lasting and poetic merit as are worthy of preservation and attest his phenomenal and versatile genius. His second son, Charles C. Halpine, a promising young lawyer of Washington, is associated with his brother in the work of revision.

#### Military Order of the Loyal Legion.

The Loyal Legion—which numbered 3,651 April 30, 1886—numbered 6,746 Oct. 21, 1890, and still grows.

The 9th annual banquet of the District of Columbia Commandery of the Loyal Legion took place at The Arlington on the evening of Feb. 12. A distinguished company was present.

The California Commandery held a pleasant meeting at the Mare Island Navy-yard, Feb. 11, and through the courtesy of Gen. John Gibbon, U. S. A., were taken there on the steamer *McDonnell*. Among the candidates balloted for on this occasion were: Capt. Thos. H. Norton, U. S. A., retired; Capt. S. A. Day, 5th U. S. Art., and Comdr. R. D. Higginbotham, U. S. N.; Gen. Geo. D. Ruggles, U. S. A., and Capt. J. W. Powell, 5th U. S. Inf., have been transferred to the New York Commandery, and Capt. A. Morton, 9th U. S. Inf., to the Indiana Commandery.

## SCOTCH ZEPHYRS.

This Week we shall place on sale 500 pieces of 29-inch Fine Scotch Zephyrs, choice styles, this Spring's importation, at 19 cents per yard.

Samples sent on request.

**JAMES McCREERY & CO.**  
BROADWAY AND 11th ST.  
NEW YORK.

**KNABE**  
PIANOFORTES.  
UNEQUALLED IN  
Tone, Touch, Workmanship, and  
Durability.  
**WILLIAM KNABE & CO.**  
BALTIMORE: NEW YORK:  
22 & 24 E. Baltimore St. 148 5th Ave. 67 20th St.  
WASHINGTON: 317 Market Space.

GRATEFUL—COMFORTING.  
**EPPE'S COCOA**  
BREAKFAST.

"By a thorough knowledge of the natural laws which govern the operation of digestion and nutrition, and by a careful application of the fine properties of well-selected Cocoa, Mr. Epps has provided our breakfast tables with a delicately flavoured beverage which may save us many heavy doctors' bills. It is by the judicious use of such articles of diet that a constitution may be gradually built up until strong enough to resist every tendency to disease. Hundreds of subtle maladies are floating around us ready to attack when the system is in a weak point. We may escape many a fatal shaft by keeping ourselves well fortified with pure blood and a properly nourished frame.—Civil Service Gazette."

Made simply with boiling water or milk. Sold only in half-pound tins, by Grocers, labelled thus:

**JAMES EPPE & CO.,** Homoeopathic Chemists,  
London, England.

7% City Mortgages Only 8%  
FOR PARTICULARS ADDRESS  
TACOMA Investment Co. 10%  
TACOMA, WASH.

## Forty-Third Annual Statement OF THE PENN MUTUAL LIFE INS. CO. OF PHILADELPHIA.

Net Assets, January 1, 1900, \$34,286,397 14  
Receipts during the year:  
For Premiums, \$3,008,190 99  
For Interest, etc., 338,675 97  
4,346,866 96  
\$38,633,264 10

Disbursements.  
Claims by death, \$1,045,909 07  
Matured Endowments, 122,570 85  
Surrendered Policy, 225,912 22  
Premium Abatement, 590,067 85  
\$1,984,459 99

Total paid policy holders, \$3,071,459 50

Added to Reserve, \$1,507,715 00

Taxes and Legal Expenses, \$7,945 07  
Salaries, Medical Fees, and Office Expenses, 128,979 65  
Commissions to Agents and Rents, 425,818 07  
Agency and other Expenses, 131,518 17  
Advertising, Printing, and Supplies, 30,425 88  
Office Furniture, etc., 3,389 09  
\$2,122,985 98

Net Assets Jan. 1, 1901, \$35,563,329 72

\*Being sums allowed in reduction of collectible premiums.

Assets.  
City Loans, Railroad and Water Bonds, Bank and other Stocks, Mortgage and Ground Rents (first liens), Premium Notes secured by P. Notes, Loans on Colonial Policy Loans, etc., Home Office and Real Estate bought to cure Loans, Cash in U. S. Currency on hand, 201,494 51  
Net Ledger Assets, as above, \$15,932,828 72

Net deferred and unreported Premiums, \$407,264 10  
Interest Due and accrued, etc., 190,738 61  
Market Value of Stocks and Bonds, over cost, 104,409 57

Gross Assets, Jan. 1, '91, \$16,574,861 00

Liabilities.

Death Claims Reported, but awaiting proof, \$144,370 00  
Reserve at 4 per cent. to re-insure risks, \$4,230,413 00  
Surplus on Life Insurance, Unreported, Forfeitures, 560,675 97  
\$4 plus 4 per cent. basis, 1,634,432 08  
\$16,574,861 00

Surplus at 4 1/2 per cent. Pennsylvania Standard, (Estimated), \$2,506,120 08

New Business of the Year, 7,500 policies for, \$30,566,534 00

Insurance of Outstandings, Dec. 31, 1890, 25,345 policies for, \$90,373,701 00

CAPT. F. A. KENDALL,  
U. S. Army, (Ret'd)  
Genl. Agt., Cleveland, Ohio

## Arnold, Constable & Co. SPRING DRESS COTTONS.

**D. & J. ANDERSON'S  
CELEBRATED ZEPHYRS,  
PLAIDS, STRIPES AND CHECKS.**

New designs and beautiful colorings. Unequalled for wear by any other cotton fabric.

**FRENCH PRINTED CAMBRICS,  
Elegant Designs and Choice Colorings for Dresses and Shirts.**

**ANDERSON'S Suits and Shirting Cheviots  
BROADWAY AND 19TH ST., NEW YORK.**

**10% INTEREST GUARANTEED**  
AND ONE-HALF THE PROFITS. I act as agent in buying and selling real estate for a share of the profits. I GUARANTEE THE PRINCIPAL AND A PROFIT OF AT LEAST 10% PER ANNUM. Send for copy of contract with full information to  
**E. N. QUIMETTE, TACOMA, WASH.**  
REFERENCE: Washington National Bank.

## NEW KODAKS

"You press the button,  
we do the rest."

Seven New Styles and Sizes  
ALL LOADED WITH Transparent Films.  
For sale by all Photo. Stock Dealers.

**THE EASTMAN COMPANY,  
Send for Catalogue. ROCHESTER, N. Y.**

EVERY BURNER OF  
KODAKS USES  
**FRANK MILLER'S**  
HARNESS DRESSING  
To Clean, Soften, and Shine the Leather.  
It is a complete leather dressing, and will keep the leather in perfect condition, and will prevent cracking and peeling.  
It is sold by all Photo. Stock Dealers.  
Beware of cheap imitations.  
Send for Catalogue.  
**FRANK MILLER & SONS,  
NEW YORK.**

## IMPERIAL GRANUM

**THE GREAT MEDICINAL  
FOOD**

THIS ORIGINAL AND WORLD RENOWNED DIETETIC PREPARATION IS A SUBSTANCE OF UNRIVALED PURITY AND MEDICINAL WORTH, A SOLID EXTRACT DERIVED BY A NEW PROCESS FROM VERY SUPERIOR GROWTHS OF WHEAT—NOTHING MORE. IT HAS JUSTLY ACQUIRED THE REPUTATION OF BEING THE SALVATOR FOR

**INVALIDS**  
AND THE AGED.

AN INCOMPARABLE ALIMENT FOR THE GROWTH AND PROTECTION OF INFANTS AND

**CHILDREN**

A SUPERIOR NUTRITIVE IN CONTINUED FEVERS AND A RELIABLE REMEDIAL AGENT IN ALL DISEASES OF THE STOMACH AND INTESTINES.

SOLD BY DRUGGISTS  
SHIPPING DEPOT—JOHN CARLE & SONS, NEW YORK

## ESTERBROOK'S STEEL PENS.

Leading Nos. 14, 048, 128, 130, 135, 333, 161.  
For Sale by all Stationers.

**THE ESTERBROOK STEEL PEN CO.,  
Works, Camden, N. J. 26 John Street, New York.**

## FOREIGN ITEMS.

**SIGNOR PELLONI** is the Minister of War in the new Italian Cabinet.

ADVICES state that Guatemala has made a secret alliance with Honduras, and is preparing for war with San Salvador.

A LONDON correspondent of the New York Times writes: "Signor Crispi's fall, like Prince Bismarck's, seems to have been primarily due to the disease known colloquially as a big head."

The insurgents arrested for participation in the recent revolt against the authority of the Portuguese Government, were tried by court-martial this week on board a man-of-war now lying in the roadstead of Oporto.

The Japanese Army is making progress, numbers 56,000 men, peace strength, and, as Lord Wolseley says, the Chinese is the coming race, it may, perhaps, be as well to take into consideration the Japanese as a possible military factor.

"It is an ill-wind that blows nobody good" is now the song of the sea gulls. There was a strike on the Scotch railway just about Christmas time. Trains were stopped and tons of Christmas goodies spoilt in transit and dumped on a bit of waste land owned by the railroad in the rear of the Edinburgh Botanic Garden. Hither gathered on the four winds the happy sea-gulls to fill themselves with Christmas cheer.

## PATENTS FOR MILITARY INVENTIONS.

A selected list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL, by Munn and Co., Patent Attorneys, 361 Broadway, New York City, all bearing date of Feb. 10, 1891:

J. H. Ballow, New Haven, Conn., bullet mold.  
F. A. Hollenbeck, Batavia, N. Y., safety device for breech loading guns.

## TO OFFICERS OF THE ARMY AND NAVY.

THE United Service Club, 37 West 31st street, New York City, has opened an Address Register for officers visiting or stationed in the city or vicinity. All, whether members or not, are cordially invited to enter their names for the information of inquiring friends.

THE Turf, Field and Farm, which is an authority on the subject, says that if "any disinterested man is asked the name of the best harness dressing and leather preservative in America, ten to one the reply will be 'Frank Miller's.' This enviable reputation has been won by a half century of honest, well-directed effort on the part of the firm now known as Frank Miller and Sons. Their harness oil, harness soap and other standard preparations are for sale by the trade in all sections, and may be obtained at wholesale of the manufacturers, Frank Miller's Sons, New York City."

R. W. TANSILL CO., Chicago, invite all CANTEENS to address them concerning their \$25,000.00 cash distribution to smokers, as it is something of interest to soldiers.

FRANK'S is the purest and best Soap ever made.

BRECHMAN'S PILLS cure bilious and nervous ills.

ANGOSTURA BITTERS is universally conceded to be the best appetizer in the world. Manufactured by Dr. J. G. B. Siegert and Sons. At all druggists.

## BIRTHS.

BARRY.—At Angel Island, California, on January 31, 1891, to the wife of Lieut. T. H. Barry, 1st Infantry, a son.

## MARRIED.

CAPERTON-BLACKLOCK.—At St. John's Church, Washington, D. C., Feb. 3, Lieutenants W. B. CAPERTON, U. S. Navy, to Miss GEORGE BLACKLOCK, niece of General Albert Ordway.

FITCH-LIEDINGER.—At Clifton, S. I., Feb. 4, Mr. JOHN FITCH to Miss MARY LIEDEBERG, daughter of Ordnance Sergeant Liedinger, U. S. Army.

LEOPOLD-MEDCRAFT.—At Washington, D. C., Feb. 3, Assistant Engineer H. G. LEOPOLD, U. S. N., to Mrs. ISABELLA H. MEDCRAFT.

## DIED.

BELDEN.—At New London, Conn., Feb. 3, Mr. RICHARD N. BELDEN, father of Lieutenant Commander Samuel Belden, U. S. Navy.

CONNOLLY.—At Angel Island, Cal., January 18, AILEEN W., daughter of Lieut. and Mrs. Thomas Connolly, aged five months.

DAVIS.—At Columbia, S. C., Jan. 30, Miss NELLIE DAVIS, sister of Lieut. Henry C. Davis, 3d U. S. Artillery, and sister-in-law of Lieutenant D. Du B. Gaillard, Corps of Engineers, U. S. Army.

HYDE.—At St. Paul, Minn., February 3, CATHERINE MARIA HYDE, relict of Joseph Hyde, Esq., of New York, and mother of Capt. J. McE. Hyde, Q. M. D., U. S. A., in the 88th year of her age.

OMENSTER.—At Erie, Pa., Jan. 27, GEORGE W. OMENSTER, formerly Gunner, U. S. Navy.

WARREN.—At New York City, Jan. 30, Mrs. MARGARET G. WARREN, wife of Captain Charles H. Warren, 14th U. S. Infantry.

Better than Tea and Coffee for the Nerves.

**VAN HOUTEN'S COCOA**  
Appetizing—Easily Digested.

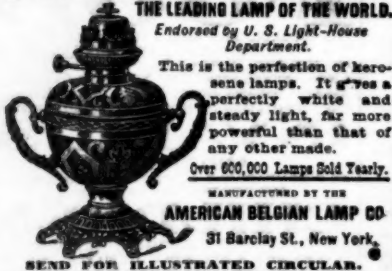
Ask your Grocer for it, take no other. [66]



In cases of 19 Bottles or 12 Jugs. Every bottle bears a steel engraved portrait of our Senior and our autograph signature to protect the Trade against fraud. Price \$15 per case.  
E. J. TAYLOR, JR. & SONS, Frankfort Ky.

GOLD MEDAL PARIS 1889.

**THE BELGIAN LAMP**  
THE LEADING LAMP OF THE WORLD.



COMPOUND OXYGEN TREATMENT.  
The Rational Cure for Chronic Diseases.  
Office, 345 Main St., Springfield, Mass.  
Send for Pamphlet.

It is with great pleasure that we are able to present to our patrons COMPOUND OXYGEN in such shape that those at a distance can receive exactly the same treatment as if they were able to visit our office daily. U. S. COMPOUND OXYGEN CO.  
Springfield, Mass.

**Finney Bros**  
HIGH CLASS BRAND.  
"LATEST ENGLISH"  
CIGARETTES.  
A Perfect Smoke.

**Finney Bros**  
Bonbons, Chocolates.  
NOVELTIES IN FANCY BASKETS AND  
BOXBONNIERS FOR PRESENTS.  
863 BROADWAY, bet. 17th & 18th Sts.  
150 BROADWAY, cor. Liberty St., N. York.  
Orders by mail receive prompt attention

**The Messrs. Pach Bros.**  
for the last fifteen years identified as the  
photographers for the

U. S. M. A.,

have REMOVED to commodious quarters,  
935 BROADWAY, cor. 23d St., where they  
are prepared to do unexcelled work in all  
the departments of PHOTOGRAPHY.  
They are always glad to see their ARMY  
friends, to whom they give greatly reduced  
rates.

**The GREAT LIGHT**  
FRINK'S Patent Reflectors  
for Gas or Oil, give the most  
powerful, softest, cheapest and  
best light known for Armories,  
Churches, Stores, Show Win-  
dows, Banks, Theatres, Depots,  
etc. New and elegant designs.  
Send size of room. Get circular  
and estimate. A liberal discount  
to Armories, Churches and the  
trade. Don't be deceived by cheap imitations.  
L. P. FRINK, 551 Pearl St., N. Y.

**ALLAN RUTHERFORD**

Late Third Auditor U. S. Treasury, late Capt.  
U. S. Army, and Colonel of Volunteers,  
ATTORNEY AND COUNSELOR AT LAW,  
Atlantic Building, 228 F Street, Room 128,  
Washington, D. C.

Having been Third Auditor U. S. Treasury  
for six years, I am thoroughly familiar with  
the course of business before the Executive  
Departments at Washington. Special atten-  
tion given to the settlement of Officers' Ac-  
counts, Claims for Pension and Bounty, Claims  
of Contractors, and generally all business be-  
fore any of the Departments, Congress or the  
Court of Claims. Refers to Gen. W. S. Rose-  
crans, Register U. S. Treasury, Washington,  
D. C.; Hon. W. P. Canaday, Sergt at Arms  
U. S. Senate, Washington, D. C. Gen. O. O.  
Howard, U. S. Army.

**AN EXTRAORDINARY RAZOR**  
HAS BEEN INVENTED by the QUEEN'S  
OWN COMPANY of England. The edge  
and body is so THIN and FLEXIBLE AS  
NEVER TO REQUIRE GRINDING and  
hardly ever setting. It glides over the face  
like velvet, making shaving a luxury. It is  
CREATING A GREAT EXCITEMENT IN  
EUROPE among experts, who pronounce it  
PERFECT. \$2.00 in buffalo handle; \$3.00 in  
ivory. Every razor, to be genuine, must bear on  
the reverse side the name of NATHAN JOSEPH,  
541 Clay Street, San Francisco, the only place in  
the United States where they are obtained. Trade  
marked. Sent by mail, 20 cents or C. O. D.

## THE MUTUAL LIFE INS. CO. OF NEW YORK.

RICHARD A. McCURDY, Pres.

ROBT. A. GRANNISS, Vice-Pres.

Assets, over - - \$140,000,000.

This great Company has recently established a MARITIME DEPARTMENT primarily designed for promoting its system of LIFE INSURANCE among Captains, Engineers and Officers of the Commercial Marine, U. S. Army and Navy and the Revenue Marine. The Special Bureau of the Company, instituted in 1887 for the particular claims of the United Service and which has attained a distinct and permanent success, will be henceforth included in this new Department. Attention is particularly called to the fact that the extra premium charges heretofore made to ARMY, NAVY and REVENUE MARINE Officers will be dispensed with, the rates in the future being on the same basis as for persons in civil life and ordinary business.

CAPTAIN H. R. FREEMAN, formerly in the Cromwell Line Steamer Hudson is in charge of the new Department, and will be pleased to extend the courtesies of the office to officers of the United Service.

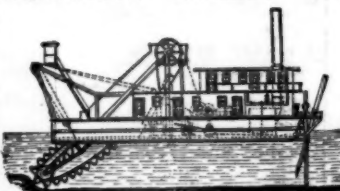
MUTUAL LIFE BUILDING, No. 59 Cedar Street, New York.

**Hatfield & Sons,**  
TAILORS AND IMPORTERS,  
239 FIFTH AVENUE, NEW YORK.

LEADING STYLES FOR CIVILIAN DRESS AND CORRECT TASTE IN UNIFORMS.  
"LEADERS ARE FEW: FOLLOWERS MANY."

**SHANNON, MILLER & CRANE,**  
MILITARY GOODS,  
EQUIPMENTS FOR  
OFFICERS OF ARMY, NAVY, NATIONAL GUARD, Etc.  
No. 46 Maiden Lane, New York.

**BUCYRUS STEAM SHOVEL & DREDGE CO.,**  
BUCYRUS, OHIO.



MAKERS OF  
**Steam Dredges,**  
FOR  
Engineers, Contract Work,  
Harbor and River Uses,  
Canals, Slips, &c., &c.

STEAM DITCHING MACHINES.



And ELECTRIC SUSPENSORY APPLIANCES are  
Sent on 90 Days Trial  
TO MEN (young or old) suffering with NERVOUS  
DEBILITY, LOSS OF VITALITY, LACK OF NERVE  
FORCE AND VIGOR, WASTING WEAKNESSES, and  
all those diseases of a PERSONAL NATURE result-  
ing from ABUSES and OTHER CAUSES. Quick and  
Complete Restoration to HEALTH, VIGOR and MAN-  
HOOD. Also for RHEUMATISM, ALL KIDNEY TROUBLES  
and many other diseases. The NEW ELECTRIC APPLI-  
ANCES OF EARTH. Full particulars sent in PLAIN ENGLISH  
ENVELOPE. Address  
VOLTIC BELT CO., Marshall, Mich.

**PENSION** JOHN W. MORRIS,  
Washington, D. C.  
Successfully prosecutes Claims.  
Late Principal Examiner U. S. Pension Bureau.  
37 years in last war, adjudicating claims, sixty since.

**H. H. BABCOCK COMPANY,**  
FINE CARRIAGES.



We build anything wanted in fine carriage.  
Buckboards in a large variety, with 1, 2 or 3  
seats, with or without canopy top. Our  
Brumhams, Victorias, Rockaways, T Carts,  
Cabriolets, Phaetons, and many styles of Nat-  
ural Wood work, are all the latest. Send  
for cuts of our latest productions. Best of  
all is a vehicle made with our "Happy  
Thought" springs; it is the lightest and easi-  
est riding wagon in the market. No spring  
equal to it, all other claims to the contrary.  
Factory and Main Office, WAREHOUSES, N. Y.  
New York City, 406 to 412 BROOME STREET.

# SKINS ON FIRE

With AGONIZING ECZEMAS and other ITCHING, BURNING, SCALY, and BLOTCHY SKIN and SCALP DISEASES are relieved in the majority of cases by a single application of the **Cuticura Remedies**, and speedily, permanently, and economically cured, when physicians, hospitals, and all other remedies fail. **Cuticura Remedies** are the greatest skin cures, blood purifiers, and humor remedies of modern times, are absolutely pure, and may be used in the treatment of every humor, from the simplest facial blemishes to the severest diseases of the blood, skin, and scalp.

## CUTICURA

The great Skin Cure, instantly allays the most intense itching, burning, and inflammation, permits rest and sleep, clears the scalp of crusts and scales, speedily soothes and heals raw and irritated surfaces, and restores the hair. **CUTICURA SOAP**, an exquisite Skin Purifier and Beautifier, is indispensable in cleansing diseased surfaces. **CUTICURA RESOLVENT**, the new Blood and Skin Purifier, and greatest of Humor Remedies, cleanses the blood of all impurities and poisonous elements, and thus removes the cause. Hence the **CUTICURA REMEDIES** cure every disease and humor of the skin, from pimples to scrofula.

How to Cure Diseases of the Skin, Scalp, and Blood. Mailed free to any address, 64 pages, 300 Diseases, 50 Illustrations, 100 Testimonials. A book of priceless value to every sufferer. **CUTICURA REMEDIES** are sold everywhere. Price, **CUTICURA**, 50c.; **CUTICURA SOAP**, 25c.; **CUTICURA RESOLVENT**, \$1. Prepared by **POTTER DRUG AND CHEMICAL CORPORATION**, Boston.

An Eye for Beauty is satisfied beyond expression when it gazes upon a skin purified and beautified by **Cuticura Soap**, incomparably the greatest of skin purifiers and beautifiers, while rivaling in delicacy and surpassing in purity the most expensive of toilet and nursery soaps. Price, 25c.



**LIDGERWOOD MFG. CO.**  
MANUFACTURERS OF  
**HOISTING ENGINES**  
For Contractors, Pile Driving, Bridge and Dock Building, Excavating, &c.  
800 STYLES AND SIZES.  
OVER 7,000 IN USE.  
96 Liberty St., N. Y.  
24-26 WEST MONROE ST.,  
CHICAGO, ILL.  
187 TO 208 CONGRESS ST.,  
BOSTON.  
1 TO 7 N. FIRST ST.,  
PORTLAND, OREGON.

Army, Navy and National Guard Contractors.  
Button, Military Ornament and Accoutrement Manufacturers.  
**HENRY V. ALLIEN & CO.,**  
SUCCESSORS TO HORTSMANN BROS. & ALLIEN,  
**738 BROADWAY, New York.**

**USE FERRY'S SEEDS**  
BECAUSE THEY ARE  
**THE BEST.**  
D. M. FERRY & Co's  
Illustrated, Descriptive and Priced  
**SEED ANNUAL**  
For 1891 will be mailed FREE  
to all applicants, and to last season's  
customers. It is better than ever.  
Every person using Garden,  
Flower or Field Seeds,  
should send for it. Address  
**D. M. FERRY & CO.**  
DETROIT, MICH.  
Largest Seedsmen in the world

We make a specialty of supplying Post and Company Gardens with the

## BEST OF SEEDS.

Orders from U. S. Army Officers executed at special low rates.  
Send for our New Seed Annual and Special Rates.  
Address **D. M. FERRY & Co., Detroit, Mich.**

GOLD MEDAL, PARIS, 1878.

**W. BAKER & Co.'s**  
**Breakfast**  
**Cocoa**  
from which the excess of  
oil has been removed, is  
**Absolutely Pure**  
and it is Soluble.

## No Chemicals

are used in its preparation. It has more than three times the strength of Cocoa mixed with Starch, Arrowroot or Sugar, and is therefore far more economical, costing less than one cent a cup. It is delicious, nourishing, strengthening, EASILY DIGESTED, and admirably adapted for invalids as well as for persons in health.

Sold by Grocers everywhere.

**W. BAKER & CO.,** Dorchester, Mass.

## INSTRUCTION.

**OHIO MILITARY ACADEMY.**—FOUR courses of study; Infantry, Cavalry and Artillery drills. Beautiful and healthful location. Newly refitted. Illustrated Catalogue on application. Portsmouth, O.

**The Michigan Military Academy!** Location 20 miles from Detroit; pleasant and healthful. Complete military discipline and thorough school work. Address Lt. F. T. VAN LIEW, 2d Inf., Adj't. Orchard Lake, Mich.

**ST. MATTHEW'S HALL,** SAN MATEO, CALIFORNIA. SCHOOL FOR BOYS. Military discipline. Twenty-fourth year.

Rev. ALFRED LEE BREWER, M.A. Rector.

**THE REED SCHOOL.**—MISS JULIA G. McALLISTER, Principal, succeeding Mrs. Sylvanus Reed, who continues as visitor. 27th year begins Wednesday, October 1st. 6 and 8 East 43rd Street, New York City.

**HILLSIDE AVENUE SCHOOL,** WATERBURY, CONN. A College-preparatory, Day and Family School, situated in an unusually beautiful and healthy location. The day school numbers about ninety pupils from best families, and a happy home is provided for ten girls, in the care and companionship of teachers and matron. In cases where it is desired not to separate children of a family, young boys would be received. This school aims to make its pupils honorable and self-reliant. Special care is taken of their health. The building has all modern sanitary improvements including open fire-places in living and school rooms. Pupils received at any time during the school year. Particulars on application. Principal, Miss M. M. ABBOTT, A.M. (Vassar.) Junior Dep't, Miss ISABEL C. LAWTON.

**BRYANT SCHOOL, ROSLYN L.I.** PROGRESSIVE CORPS OF INSTRUCTORS.

STIMULATING COURSES OF STUDY. College Preparatory, Scientific, Modern Languages, Music, Business, Fauna of the Sea. Good Manners, Morals, and Character the First Requirement. A Leading American School; Near New York; 23 Miles; Daily Trains and Steamer. Magnificent Buildings; Extensive grounds. Cost \$250,000. Romantic Situation on a Cliff, overlooking Long Island Sound. Old Oak Forests All Around. Home Life Genial and Refining. Students Members of Principal's Family. Not a Lesson Lost from Sickness This Year. Recreations, Rowing, Sailing, Gymnasium. Illustrated Catalogues.

**HEMPSTADT INSTITUTE,** Hempstead, L. I. Good Board & Teaching. Comfortable. Both Sexes. \$150 to \$350 a year, acc'g to age. Catal.

**THE DAVIDSON STEAM PUMP & PUMPING ENGINES.** Warranted the BEST for all Situations.

**MARINE PUMPS A SPECIALTY.** Manufactured by **M. T. DAVIDSON** 43-53 Keap St. 77 Liberty St., N.Y. Brooklyn, N.Y.

Use Torrey Razors & Stroaps. Satisfaction guaranteed. J. R. Torrey Razor Co., Worcester, Mass.

Fine Writing Paper by the Pound. Samples free. Sam'l Ward Co. 49 Franklin St., Boston.

## FINE CHINA.

Beautifully Illustrated Catalogue of Fine China, Art & every Rich Cut Glass, Wedding Gifts, &c., mailed free, upon application to **HIGGINS & SEITZ, 50 & 52 West 23d St. N. Y.**

## INVESTORS

Should get information about our Guaranteed

## Mortgages

**Bonds** 6%  
**Stocks** 8½%  
PAYING 10%

WE HAVE HAD  
**20 Years' Experience**  
IN INVESTMENTS.

**Never Lost a Dollar**  
In every instance Interest and Principal has been paid at maturity.

WE HAVE RETURNED TO INVESTORS  
**\$13,000,000**

realizing 5 per cent. to 12 per cent. interest. We never handle any security that we do not absolutely control. The investments we now have are as secure as any we have ever offered, and pay more interest than any we have offered in the last ten years. We can refer to the leading banks in New York, and to our 4,000 patrons. We are under the supervision of the Banking Department of New York State.

**J. B. WATKINS L. M. CO.**  
319 Broadway, New York.  
HENRY DICKINSON, Manager.

## D. L. DOWD'S HEALTH EXERCISER.

For Brain-Workers & Sedentary People; Gentlemen, Ladies, Youth; Athletes or Invalids. A complete gymnasium. Takes up but 6 in. square floor room; new, scientific, durable, comprehensive, cheap. Indorsed by 30,000 physicians, lawyers, clergymen, editors & others now using it. Send for illustrated circular, 40 engravings, no charge. Prof. D. L. Dowd, Scientific, Physical & Vocal Culture, 9 East 14th St., New York.

## HOTELS.

**Grand Hotel.**—Broadway & 51st St., N.Y. Special rates to Army and Navy Officers. European plan. Henry Milford Smith & Son, Pr.

**Albemarle Hotel.** Broadway and 34th St., New York. European plan. JANVRIN & WALTER, Props.

**Hotel Glenham.**—155 Fifth Avenue, New York. European Plan. Desirable single rooms, \$1 per day. N. B. BARRY, Prop.

**HOTEL NORMANDIE.** Broadway and 38th Street, New York. European Plan with Superior Restaurant. Hotel first-class and Absolutely Fire Proof. Special attention to Army and Navy Officers.

**EARLE'S HOTEL.** Cor. Canal and Centre Streets, New York. On the American Plan. Downtown headquarters for Army & Navy. Room and Board, \$2.50 per day.

**NORMANDIE-BY-THE-SEA.** Normandie (near Seabright), New Jersey. Fronting on the Ocean and River. Open from June to September 15th. Seaside headquarters for Army and Navy. FERDINAND P. EARLE, Owner & Prop.

**New Hotel Lafayette** PHILADELPHIA.

TERMS  
American Plan, \$3, \$3.50 and \$4—Baths Extra  
European Plan, \$1, \$1.50 and \$2—Baths Extra  
L. U. MALTBY.

**MANSION HOUSE,** Brooklyn Heights, N.Y..

directly opposite Wall Street, New York; four minutes' walk from Fulton or Wall St. ferry and the bridge terminus; superior accommodations; reasonable rates; select family and transient hotel; 200 rooms. J. C. VAN CLEAF, Prop.

**MAGNOLIA SPRINGS HOTEL,** MAGNOLIA SPRINGS, FLA.  
On the St. Johns River.

**NOW OPEN.**

One of the most elegant Hotels south of New York. All modern appointments; capacity, 400; steam yacht; sail and row boats; driving and saddle horses; orchestral music. The SPRING WATER is unsurpassed.

For terms, ILLUSTRATED BOOK, etc., address A. C. COLEMAN, Manager.

## THE EBBITT:

WASHINGTON, D. C.  
ARMY AND NAVY HEADQUARTERS.  
Eight Iron Fire Escapes.

BURCH & GIBBS, MANAGERS.

Highest of all in Leavening Power.—Latest U. S. Government Food Report.

# Royal Baking Powder

ABSOLUTELY PURE



To all who are interested in Rifle, Pistol or Shot Gun Shooting and desire to economize by reloading their empty shells, we will send our illustrated circular containing descriptions and prices of IDEAL RELOADING TOOLS, which will give them a few "pointers" on how to prepare their own ammunition.

Address: IDEAL MFG. CO., Box 1084, New Haven, Conn.

PLEASE MENTION ARMY AND NAVY JOURNAL.

ESTABLISHED **RIDABOCK & CO.** 1847.

(Formerly BAKER & MCKENNEY)

**MILITARY EQUIPMENTS,**  
141 GRAND STREET, NEW YORK.

BROWNELL'S APPARATUS FOR DEMONSTRATING UPTON'S TACTICS.

## LAUNDRESSES, ATTENTION!!!

Look at the CATARACT WASHING MACHINE in use at every Post Hospital. With it a child can do a day's washing, and you will have no more tired back or wet feet. Price \$20. Circulars on application to

CATARACT WASHING MACHINE CO., 74 Cortland St., New York.



## The "Gorton" Boiler.

ECONOMICAL IN FUEL,  
AUTOMATIC, SELF-FEEDING,  
Wrought-Iron, Tubular and Sectional.

SEND FOR GOVERNMENT REFERENCES.

**GORTON & LIDGERWOOD CO.,**  
96 Liberty St., New York,  
BOSTON. CHICAGO.



## ROCK DRILLING AND AIR COMPRESSING MACHINERY

For Tunnels, Quarries, Mines,  
Railroads,

And wherever Ore and Rock are to be drilled and blasted.

**RAND DRILL COMPANY,**  
23 Park Place, New York, U. S. A.



## THE CONTINENTAL IRON WORKS, SOLE MANUFACTURERS OF CORRUGATED BOILER FLUES,

Under their own patents and those of SAMSON FOX, Leeds, England. Made in sizes from 28 in. to 60 in. diameter, with flanged or plain ends.

**THOS. F. ROWLAND, Prest.**

West and Calver Sts., BROOKLYN, N. Y.



## SEAL OF North Carolina PLUG-CUT SMOKING TOBACCO.

The undisputed leader of Plug-cut Smoking  
Tobacco throughout the world.

**The Finest Sun-Cured Tobacco  
Grown in North Carolina.**

Granville County, North Carolina, is universally noted for the sweet, superior flavored leaf produced there. When sun-cured this Tobacco is unsurpassed anywhere in the world. Tobacco, like liquor, improves with age, and by storing the sun-cured Granville County leaf for several years, we obtain the superior tobacco used in this celebrated SEAL OF NORTH CAROLINA PLUG-CUT. It is cut from the plug, and makes a cool, delicious smoke which will not bite the tongue.

Beware of imitations. The original bears our firm's name:

**WABURG BROS., Baltimore, Md., U.S.A.**



## CHUBB'S OF ANGLING COMPLETE FOR 1891, IS CATALOGUE NOW READY.

It contains a list of Chubb's Specialties, new RODS, new REELS, new TACKLE, ARTIFICIAL FLIES, LITHOGRAPHED. Something every Angler has long wanted. We show over one hundred varieties of Artificial Flies, in twelve colors, and exact sizes, all done in the highest style of the art.

We have new articles on Fishing, illustrated, written by Dr. J. A. HENSHALL, ROWLAND E. ROBINSON, SAMUEL M. HAYLES, OMPOMPANOSUC, M. QUAD, CHAS. HALLOCK, Rev. A. J. HOUGH, ALEX. STANBUCK, H. P. UFFORD, GEO. P. GOFF, S. M. GILMORE, W. H. H. MURRAY, and WALT McDUGALL.

Send 25c. for Catalogue. This may be deducted from first order for goods amounting to One Dollar, or more, by enclosing coupon found in catalogue. Address

**THOS. H. CHUBB, THE FISHING ROD MANUFACTURER.**  
(Mention A. & N. Jour.) Post Mills, Vt.

## SAFETY

the great thing to be sought in an investment rather than high rate of interest.

We have loaned in twenty years  
**TWENTY MILLION DOLLARS**  
without loss to any customer.

Let us tell you what we can do for you in the way of something not only safe, but paying a good rate of interest.

None of our customers are waiting for their interest.

**AMERICAN INVESTMENT CO.**  
150 Nassau Street, N. Y. City.  
E. S. ORMSBY, President. A. L. ORMSBY, Vice-President. H. E. SIMMONS, Jr., Preside.



**HOLLOWAY READING STAND.**  
Dictionary Holder, Bookrest, Lamp Stand and Card Table combined. Holds book open for sitting or lying down reading. Send for Illustrated Catalogue.  
THE HOLLOWAY CO., Cuyahoga Falls, O.

## SEND

For Our Fifth Edition.

**HOW  
TO SELECT,  
LAY AND  
PAINT  
A TIN ROOF.**

Sent Free of Cost by addressing

**MERCHANT & CO.,**

Philadelphia, New York, Chicago,  
Kansas City, London.

## NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY.

Post Office Square, Boston, Mass.  
Assets, Dec. 31, '89 \$20,660,562.55  
Liabilities, - - 18,104,793.66

\$2,555,768.89

Officers of the Army and Navy insured without extra premium except when engaged in actual warfare. An extra premium not paid at the assumption of the war risk does not invalidate the policy but simply becomes a lien upon it.

Liberty of residence and travel, on service, in all countries, at all seasons of the year, without extra charge.

Every policy has endorsed thereon the cash surrender and paid-up insurance values to which the insured is entitled by the Massachusetts Statute.

**LIFE RATE ENDOWMENT** Policies are issued at the old life rate premium. Annual Cash distributions are paid upon all policies.

Pamphlets, rates and values for any age sent on application to the Company's Office, BENJ. F. STEVENS, President.

JOS. M. GIBBENS, Vice Pres.  
S. F. TRULL, Secretary.  
WM. B. TURNER, Asst. Sec.

## F. J. HEIBERGER,

**ARMY & NAVY MERCHANT TAILOR,**

15TH ST., opposite U. S. Treasury,

WASHINGTON, D. C.

## JOSEPH GILLOTT'S STEEL PENS.

GOLD MEDAL, PARIS EXPOSITION, 1889.

THE MOST PERFECT OF PENS.

\$25,000.00 IN CASH TO SMOKERS OF

**TANSILL'S PUNCH 5¢**

Address R. W. TANSILL CO., CHICAGO.

## BOYLAN MANUFACTURING CO., LIMITED.

Successor to W. C. BOYLAN.

## MILITARY CLOTHIERS,

PARTICULAR ATTENTION GIVEN TO  
ARMY, NAVY, AND NATIONAL GUARD UNIFORMS,  
No. 34 Howard Street, New York.

Amateur Photographers, Etc., should read  
Advt. of Scovill & Adams Co., in last issue

Established 1857.  
**NORDDEUTSCHER LLOYD S. S. CO.**

THE SHORT ROUTE TO LONDON.  
Sailing every WEDNESDAY and SATURDAY.

NEW YORK TO SOUTHAMPTON in even to eight days, connecting there with frequent trains for LONDON, landing passengers and mail, and proceeding without further delay to BREMEN, making the run in 24 hours. The company's fleet consists of the following steamers:

ALLER, Capt. Hellmers. WERRA, Capt. Pohl.  
ALLER, " Christophers. TRAVE, " Bassius.  
SAALE, " Richter. RHEIN, " Sander.  
SIDER, " Raut. FRIDA, " Rink.  
ELBE, " Thelenburg. SPREE, " Willigerod.

HAVER, Capt. Jungst.

All fast steamers, 3,500 to 5,000 tons and 500 to 1,000 h. p., built of steel, of the latest and most modern type with unequalled Cuisine and Cabin accommodations, and owing to their powerful engines, able to maintain high speed in nearly all weather, thus arriving with great regularity. For further information apply to

**OEHLICH & CO., 1 Bowling Green.**

## POWDER.

("Orange Mills") Established, 1801

Orange Rifle,  
Orange Lightning,  
Orange Ducking,  
Orange Special

Military, Mining, and Blasting Powder

**Electric Blasting Apparatus**

Manufactured and for sale by

**LAFLIN & RAND POWDER CO.**

29 Murray Street, New York.

Arenas and Magazines in all parts of the country.

Send postal card for illustrated descriptive pamphlet, showing size of grains of Powder Mailed FREE.